Driver, Vehicle and Traffic Accident Statistics Report — DDVL 1987

Manitoba
Highways and
Transportation
Driver and
Vehicle Licencing

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N.B. Wherever date not stated in title of table, 1987 is implied

FOREWORD

The Division of Driver and Vehicle Licencing is responsible for the administration of a wide range of programs. It administers basic driver licencing and motor vehicle registration programs as well as a variety of driver and vehicle related programs concerned with maintaining and improving highway safety in Manitoba. The following will provide an indication of the Division's diverse activities in 1987.

DRIVER LICENCING

The objective of the Driver Licencing Program is to establish, co-ordinate and ensure that proper procedures are followed for the issuance of driver licences in accordance with provisions established under the Highway Traffic Act, the Manitoba Public Insurance Corporation Act, related regulations and departmental policies. This objective is achieved by the following integrated programs and policies:

* Provision for an effective level of public service through the operation of three offices in Winnipeg and five in the following major centres: Brandon, Dauphin, Portage La Prairie, Flin Flon and Thompson. In addition, rural service is supplemented by approximately two hundred Authorized Driver Licence Agents and eleven Mobile Testing Units. In 1985, the efficiency and effectiveness of the offices and Mobile Testing Units was increased with the introduction of Facsimile (electronic mail) machines.

* The Pre-Edit program scrutinizes all applications, documents and reports prior to entry to computerized driver records and information system, to ensure that all data entered meets established requirements.

* Maintenance of an accounting program for driver licence fees and insurance premiums submitted through the mail.

* Maintenance of a program for effecting corrections to documents prior to and during computer processing.

Active drivers at the end of 1987 numbered 629,298, a 1.0 percent increase from 1986. The average number of suspended drivers numbered 24,524, an increase of 11.1 percent.

VEHICLE REGISTRATION

The Vehicle Registration program establishes and maintains systems and procedures designed to register and insure motor vehicles, trailers and snowmobiles, in accordance with the Highway Traffic Act, the Taxicab Act, the Manitoba Public Insurance Corporation Act, the Snowmobile Act and Regulations, the Canadian Agreement on Vehicle Registration, and the Off-Road Vehicle Act, to be proclaimed October 1, 1988. In performing this role, the Vehicle Registration program provides the following services:

* Issuance of licence plates, validation stickers and permanent registration/insurance cards.

* Provision for the annual renewal of vehicle registrations.

* Provision for the collection of revenue from registration fees.

* Ensures the accurate input of vehicle description, owner data and registration fees received by Driver and Vehicle Licencing branch offices and authorized agencies to accommodate the requirements of the general public, police and government offices.

* Provision for the proportional registration of vehicles owned by carriers operating inter-provincially between member jurisdictions of the Canadian Agreement on Vehicle Registration.

* Provision of a program for personalized plates.

The following new initiative falls within the jurisdiction of the Vehicle Registration program:

* A pilot project was initiated in 1984 under the Canadian Agreement on Vehicle Registration. The Single Application for Vehicle Registration Project, will allow the plate jurisdiction to issue a single cab card for proportionally registered vehicles, rather than requiring the carrier to apply to each province individually. The implementation date for new fleets was July 1, 1988; the projected date for renewal of existing fleets is March 1, 1989.

Vehicle registrations in 1987 numbered 834,792, and increase of 2.2 percent from the 1986 total of 817,016. In addition, there were 45,385 commercial vehicles, which includes 4,477 dealer and repairer licence plates issued to 692 registered dealers.

VEHICLE STANDARDS AND INSPECTIONS

The Commercial Vehicle Inspection Program, under which truck tractors are inspected semiannually, and semitrailers annually, commenced on May 1, 1987. In this program, inspections are carried out by Appointed Stations and Certified Shops under the supervision of the Vehicle Standards and Inspections Office. As of December 31, 1987, 15,833 vehicles had been called up for inspection, with 7,130 inspection completed.

Other inspection programs included the inspection of 1,694 school buses, 112 PSV buses, and 108 ambulances by the DDVL Vehicle Standards and Inspections Office.

Responsibility for the inspection of passenger cars and light trucks was transferred to the Manitoba Public Insurance Corporation in April, 1987.

INFORMATION CENTRE

The Information Centre maintains an information retrieval system which provides data on vehicle registrations and driver licences upon request to law enforcement agencies, other sections of the Division of Driver and Vehicle Licencing, and the general public. When required, Information Centre personnel appear in court to give evidence on these matters. The Information Centre in 1987 processed 321,000 inquiries.

DEALER PROGRAM

The Vehicle Registration Section is responsible for the administration of a program regarding licencing and control of automobile dealers, salesmen and automobile wreckers in accordance with the Highway Traffic Act, Regulations and departmental policy. The Program is headed by a Dealer Inspector, responsible for the following functions:

* Acts as a mediator and adjudicator between public and dealers where a complaint is registered against a dealer and/or automobile wreckers.

* Maintains a close liaison with law enforcement agencies and other government departments.

* Monitors the New Vehicle Information Statement (NVIS) program.

HIGHWAY SAFETY PROGRAMS

The various branches of the Division of Driver and Vehicle Licencing, within their own particular spheres of influence, all continued to contribute in 1987 toward the common goal of maintaining and improving highway safety in Manitoba.

DRIVER TESTING

The Driver Testing Section provided service to the public at seven permanent offices, 67 scheduled testing locations and at remote areas on a demand basis. The Section:

* Examines applicants to determine whether they have the necessary knowledge, skill, physical and mental abilities to safely operate the type of motor vehicle for which they seek licencing.

* Determines whether a driver is suffering from physical or mental deficiencies, the extent of such deficiencies and the manner in which they affect the safe operation of a motor vehicle.

* Conducts driver improvement counselling interviews.

* Establishes, maintains and updates standards for driver testing.

* Promotes safe operation of motor vehicles on streets and highways.

* Provides vehicle registration services at centres served by branch offices.

The Driver Testing Section deals with drivers requiring both initial and recertification driver tests, as well as driver tests for those seeking reclassification to a higher class of licence. This is accomplished through written examination of rules of the road, vision screening and road tests using the applicable vehicle.

During the 1987 calendar year, there were a total of 92,450 written and oral knowledge examinations, a decrease of 6.7 percent over 1986. The 47,019 road tests conducted in 1987 consisted of 43,643 original road tests and 3,376 road tests administered through the Driver Improvement Program.

DRIVER RECORDS AND SUSPENSIONS

It is the role of the Driver Records and Suspensions Section to maintain accurate, up-to-date records on all Manitoba drivers. These records form the basis of the Division's Provincial Driver Improvement Program. This information is also provided to the Division's five rural Branch Offices and 11 Mobile Units, the Manitoba Public Insurance Corporation, the courts, law enforcement agencies and members of the public.

The development and maintenance of the Driver Records and Suspensions informational system involves the following:

* Recording and maintenance of all conviction notices, police accident reports and related court documents.

* Micro-filming of all conviction, Driver Improvement, Medical, Alcohol and Drug Abuse and Suspension files.

* Recording and maintenance of all suspensions, cancella-

tions, prohibitions imposed, and notification to drivers of their suspensions, cancellations, and requirements for reinstatement.

* Providing a public information service to respond to driver record related inquiries.

In 1987, 22,411 suspensions were imposed on Manitoba drivers. Of that total, 7,240 were related to Criminal Code of Canada offences. In addition, 154,923 convictions were processed.

DRIVER IMPROVEMENT AND CONTROL

The Driver Improvement and Control Section identifies problem drivers and assists them in changing their future driving decisions. The action taken by this Section is dependent on the driver's level of accident and conviction involvement.

The Driver Improvement and Control Section administers the Probationary Driver Licence Program pursuant to Section 24-13 of the Manitoba Highway Traffic Act. A driver is issued a probationary licence if he/she has not held a licence from any jurisdiction for one year within the five years preceding the issuance of a Manitoba licence. Should a driver holding a probationary driver licence be convicted of a moving violation, the licence is cancelled for a period not exceeding one year. Upon expiration of the suspension, the driver is issued a licence which is probationary for an additional year. In 1987, 4,641 suspensions were imposed under Section 24-13.

A driver whose licence is not probationary, having conviction and/or accident involvement totalling four Division of Driver and Vehicle Licencing (DDVL) demerit points, is sent a letter documenting his/her involvement and detailing consequences of further involvement. In 1987, 6,660 letters of this type were issued.

Should a driver accumulate six or more Division of Driver and Vehicle Licencing demerit points, or reapply to have driving privileges reinstated after being suspended, the driver is required to attend a Driver Improvement Interview. The purpose of the interview is to counsel the driver and to assist in determining the cause and the solution to his/her driving involvement. The driver is placed on a probation period and may be required to complete driver examinations, a Defensive Driving Course, or to be referred for other departmental requirements as determined during the interview. In 1987, 12,914 Driver Improvement Interviews were conducted in the Province of Manitoba.

If a driver has serious involvement or if the probationary period set at an interview has been breached, the Registrar may, in accordance with Section 273 of the Highway Traffic Act, request the driver attend a Show Cause Hearing. The objective of the hearing is to review the driver record and determine if suspension action is warranted. If the decision is to not suspend, the driver is counselled and placed on probation. If the decision is to suspend, the driver has the option of going before the Licence Suspension Appeal Board to appeal for a total or partial remission of suspension. Should the appeal be successful, or upon the expiry date of the suspension, the driver is required to attend a reinstatement interview to reapply for a licence. In 1987, the Driver Improvement and Control Section imposed 4,813 suspensions under Section 273 of the Highway Traffic Act.

Included in the mandate of the Driver Improvement and Control Section is the responsibility to inform and educate the public on issues of driver safety. Personnel in this Section appear for speaking engagements at schools, service clubs, and other interested organizations upon request.

The ultimate goal of the Driver Improvement and Control

Section is to reduce the number of fatalities, personal injuries, and property damage resulting from traffic accidents. By monitoring a driver's involvement and taking appropriate action, the Driver Improvement and Control Section endeavors to make the roadways a safer place for all.

ALCOHOL AND DRUG ABUSE

The objective of the Alcohol and Drug Abuse Section is to review and assess information received regarding a driver's use of alcohol and/or drugs, in accordance with the Highway Traffic Act and its Regulations, and with departmental policy.

Drivers convicted of a Criminal Code alcohol/drug related driving offence are required to complete an Impaired Drivers Course. The course is offered by the Alcoholism Foundation of Manitoba consists of an assessment, educational and/or treatment program.

Where a serious alcohol/drug problem has been reported by a physician, the police, the courts, or by family members, a driver may be requested to submit an assessment report from the Alcoholism Foundation of Manitoba or other recognized agency or person engaged in the diagnosis and treatment of chemical dependency.

Based on the assessment findings and the driver record, further action may result in cancellation of driving privileges for failing to meet medical standards, or a periodic recall. Drivers may appeal the Division's decision to the Licence Suspension Appeal Board (Medical Review Committee).

In 1987, the Alcohol and Drug Abuse Section processed 4,675 reports. A total of 677 suspensions/cancellations were issued.

An important function of the Alcohol and Drug Abuse Section is

public education and information. Section personnel participate at various speaking engagements throughout the province including high schools, native and self help groups and other interested organizations.

MEDICAL RECORDS

The primary objective of the Medical Records Section is to establish systems and procedures for the review and assessment of a driver's medical fitness to safely operate a motor vehicle in accordance with the Highway Traffic Act and its Regulations, the guidelines put forth by the Canadian Medical Association and within departmental policy.

Since the introduction of the Class Licence System in 1975, holders and applicants for driver licences (Class 1-4) must file a medical report according to age. Medical reports must also be filed for drivers with Class 1-5 driver licences who have a medical problem identified through accident reports, driver licence medical questionnaires, police reports and correspondence from the courts, physicians and the general public.

Based on the medical information and medical standards, drivers may be requested to take driver examinations and/or appear for an interview, have restrictions placed on their driver licence or be required to have a driving assessment completed by an Occupational Therapist at the Rehabilitation Hospital. Modifications to the driver's motor vehicle may be recommended.

In more serious cases, drivers may have their driver licence cancelled or declassed to a lower class for failing to meet medical standards. Drivers may appeal the Division's decision to the Licence Suspension Appeal Board (Medical Review Committee).

The Medical Records Section performs the following functions and services:

* Initiates, reviews and analyzes medical reports.

* Requests driver examinations and interviews to assess a driver's capability to operate a motor vehicle, and conducts interviews to ascertain a driver's medical fitness.

* Prepares medical appeal submissions and acts on the decisions of the Licence Suspension Appeal Board/Medical Review Committee.

* Initiates suspensions, cancellation or declassification notices.

* Conducts reinstatement interviews following suspension or cancellation of a driver licence.

* Maintains medical records.

In 1987, Medical Records processed 35,648 medical reports. Driver Action resulted in:

* 1,102 driver licence cancellations; 695 to drivers failing to meet medical standards, 407 for failing to comply with specific requirements.

* 1,115 declasses to a lower class of licence; 134 to drivers for failing to meet medical standards, 981 to drivers for failing to comply with specific requirements.

* 1,722 driver interviews, driver tests completed by a Driver Examiner and/or driving assessments completed by the Occupational Therapist at the Rehabilitation Hospital.

* 300 medical Conditional Licences were issued and restrictions placed on driver licences.

NEW SAFETY INITIATIVES

Substantial work has been undertaken in 1987 toward the development of a National Safety Code (NSC). The NSC is designed, through the participation of all provinces and territories, as well as the highway transportation industry, to establish a comprehensive code of performance standards for the safe operation of all commercial vehicles in Canada. Accordingly, the NSC will establish uniform minimum standards for the examination and licencing of drivers; uniform criteria for information to be contained in driver records, including training qualifications, accident reports and traffic law violations, medical qualifications, and provisions for the availability of such information to drivers and their employers. The planned implementation date of the NSC is 1991, to coincide with the timing of complete regulatory reform.

HIGH SCHOOL DRIVER EDUCATION
SNOWMOBILE AND BICYCLE SAFETY

Responsibility for these programs was transferred to the Manitoba Public Insurance Corporation in April 1987.

FINANCIAL AND ADMINISTRATIVE SERVICES

The Financial Services Section provides a financial support function to ten operating programs within the Division of Driver and Vehicle Licencing, seven Branch Offices and approximately 200 Authorized Driver Licence Agents, with responsibilities for establishing and monitoring financial procedures; for the disbursement of approximately $12,500,000 in salaries and other expenditures; the collection and allocation of approximately $85,000,000 in government revenues; the co-ordination and preparation of the Division estimates; the maintenance of financial records for purposes

of budgetary planning; the collection or refund of licence fees and insurance premiums to approximately 40,000 Manitoba drivers who have underpaid, overpaid or have applied for refunds on their licences; the submission of financial reports to management on a regular basis; the provision of advice and/or analysis on financial matters.

The Administrative Services Section provides an administrative support function to ten operating programs and seven Branch Offices with responsibilities for the requisitioning and receiving of goods and/or services; the maintenance of stock and inventory valued at approximately $100,000; the design and maintenance of over 600 forms/form letters that are unique to DDVL; the retention and destruction of Government records and documents; mail and postal services; provides an information service to the public at the Division's main office; displays and distributes highway safety brochures; various projects, studies and analysis.

The Financial and Administrative Services Section has the responsibility to liaise with the Department of Finance to ensure that all financial and administrative policies and procedures established by the Division are in accordance with central government policies; liaise with the Department of Highways and Transportation to ensure that policies and procedures conform with departmental policies; liaise with the Manitoba Public Insurance Corporation to ensure that financial procedures and policies related to insurance premiums assessed on the driver licence system are in accordance with MPIC policy and the regulations of the MPIC Act; liaise with centralized Government agencies such as the Queen's Printer, Office Equipment, Advertising Audit, Government Services, Telecommunications and Purchasing Branch for the acquisition of goods and/or services.

TRAINING SERVICES

The Training Services Section provides a support service for:

* Training and development of Division of Driver and Vehicle Licencing staff.

* Development and updating of four Division Procedural Manuals.

* Development and administration of Workplace Safety and Health Committees within the Division of Driver and Vehicle Licencing.

The Training Section also furnishes an information service to the public at the Division's main office. This service includes the display and distribution of highway safety brochures.

RESEARCH

The major objective of the Research Section is to collect, maintain and analyze statistical information relative to the programs and activities of the Division of Driver and Vehicle Licencing. This is accomplished through the conducting of studies and statistical analysis, and through the provision of information and reports to management, government departments, the general public and external agencies.

SYSTEMS AND DATA PROCESSING

The basic objective of the Systems and Data Processing Section is to organize the collection, storage, transmission and processing of data in a manner that is efficient, accurate, economical and timely. This objective is achieved through the effective use of operating procedures and computer technology.

Each operating program within Driver and Vehicle Licencing has unique requirements for handling data. Systems and Data Processing personnel examine these requirements, considering the overall objectives and existing procedures, and in conjunction with user management and staff, define, implement and maintain automated and manual procedures, and operate the computer facilities which support these procedures.

During the past few years, automation and associated procedures have developed extensively and encompass virtually every major function of Driver and Vehicle Licencing. Currently, a highly integrated and complex system supports most operating programs and interacts with external users such as the Manitoba Public Insurance Corporation, police authorities and other government departments. The data needs of each user are captured and processed in 80 different transaction formats and updated to a computer file containing approximately 752,000 driver records. Information requirements are satisfied by 138 different computer printed reports and 15 on-line display formats which provide internal and external users with instant access to the data stored on individual drivers or vehicles.

During the fiscal year 1987/88, there were 2,935,740 update actions to driver records, which represents approximately four actions per driver. In support of the various Driver and Vehicle Licencing operating programs, approximately 60 million lines of data were printed by our remote job entry facility and 1.9 million inquiries were processed through the on-line information system.

In the same period, 66 changes were made to computer programs. These changes are implemented primarily to assist the operating programs in achieving their objectives. Also, the computer system is constantly updated to improve controls, accuracy and efficiency, and in general to provide a high level of service to the public.

The Division's word processing facilities consist of a Centra-

lized AES Shared Logic System with five terminals, four printers and a centralized processing unit.

Systems and Data Processing is an integral part of Driver and Vehicle Licencing. Through the effective use of operating systems and computer hardware, the individual programs process a significant volume of work and have access to data which would otherwise be unavailable.

Major accomplishments in the area of systems development include:

The design and development of the Single Application Vehicle Registration System (S.A.V.R.) which will enable inter-provincial motor carriers to address their registration requirements, in their home jurisdiction, for all Canadian jurisdictions travelled through. This project has been a major undertaking which has utilized system resources for more than a year. Canada-wide implementation of this system is scheduled for July 1, 1988.

Development and implementation of the changes required to the Driver Licencing System to incorporate additional insurance charges collected on behalf of M.P.I.C.

System development resources will be used to address the following identified projects in the 1988/89 fiscal year:

Continued modification of existing computer systems based on user needs and changes in legislation or policy.

Development and implementation of the application code required to support the Inter-provincial Record Exchange Project (I.R.E.P.). This project will establish a communication link between Canadian jurisdictions which will enable the exchange of driver licencing and vehicle

registration information electronically. Manitoba is currently scheduled to begin operating on this link in October 1988. All Canadian jurisdictions are scheduled to be on-line by December, 1988.

The Division's Remote Job Entry, Data Entry and Communication Network computer hardware will be replaced by December 31, 1988. This new hardware will conform with the Department's approved hardware strategy.

Implement changes required to support the National Safety Code.

ABBREVIATIONS AND SYMBOLS

D.D.V.L.	DIVISION OF DRIVER AND VEHICLE LICENCING
M.	MALE
F.	FEMALE
PROP. DAMAGE	PROPERTY DAMAGE
H.T.A.	HIGHWAY TRAFFIC ACT
C.C.C.	CRIMINAL CODE OF CANADA
R.C.M.P	ROYAL CANADIAN MOUNTED POLICE
N.S.	NOT STATED
EST.	ESTIMATED
HAZ. COND.	HAZARDOUS CONDITION

MINIMAL INJURY - NO HOSPITAL TREATMENT
MINOR INJURY - TREATED AND RELEASED
MAJOR INJURY - ADMITTED TO HOSPITAL
FATAL INJURY - DEATH WITHIN 30 DAYS OF ACCIDENT
PROPERTY DAMAGE ACCIDENT - DAMAGE TO VEHICLE AND/OR PROPERTY ONLY

%	PERCENT
+	PLUS
-	MINUS, OR NEGLIGIBLE AMOUNT

ANALYSIS OF MANITOBA DRIVERS
ACTIVE AND SUSPENDED
BY AGE AND SEX
1987

AGE GROUP	SEX	ACTIVE 1987	SUSPENDED 1987	% ACTIVE	% SUSPENDED
16-17	M	11,529	493	95.9	4.1
	F	10,452	80	99.2	0.8
	TOTAL	21,981	573	97.5	2.5
18-24	M	47,830	4,588	91.3	8.7
	F	45,253	460	99.0	1.0
	TOTAL	93,083	5,048	94.9	5.1
25-34	M	82,084	6,923	92.2	7.8
	F	77,458	834	98.9	1.1
	TOTAL	159,542	7,757	95.4	4.6
35-44	M	67,499	3,365	95.3	4.7
	F	61,793	516	99.2	0.8
	TOTAL	129,292	3,881	97.1	2.9
45-54	M	45,791	1,822	96.2	3.8
	F	38,004	254	99.3	0.7
	TOTAL	83,795	2,076	97.6	2.4
55-64	M	41,042	1,286	97.0	3.0
	F	31,041	183	99.4	0.6
	TOTAL	72,083	1,469	98.0	2.0
65-74	M	30,188	986	96.8	3.2
	F	20,307	250	98.8	1.2
	TOTAL	50,495	1,236	97.6	2.4
75-84	M	11,872	1,071	91.7	8.3
	F	5,507	352	94.0	6.0
	TOTAL	17,379	1,423	92.3	7.7
85+	M	1,357	900	60.1	39.9
	F	291	161	64.4	35.6
	TOTAL	1,648	1,061	60.8	39.2
ALL AGES 1987	**M**	**339,192**	**21,434**	**94.1**	**5.9**
	F	**290,106**	**3,090**	**99.0**	**1.0**
	TOTAL	**629,298**	**24,524**	**96.3**	**3.7**
ALL AGES 1986	M	337,701	19,330	94.6	5.4
	F	285,705	2,739	99.1	0.9
	TOTAL	623,406	22,069	96.6	3.4
% CHANGE 1986-1987	M	+0.4	+10.9		
	F	+1.5	+12.8		
	TOTAL	+1.0	+11.1		

ANALYSIS OF ACTIVE AND SUSPENDED MANITOBA DRIVERS BY CLASS OF LICENCE 1987

CLASS	ACTIVE MALE	ACTIVE FEMALE	ACTIVE TOTAL	ACTIVE % IN EACH CLASS	SUSPENDED MALE	SUSPENDED FEMALE	SUSPENDED TOTAL	SUSPENDED % IN EACH CLASS
1.0	14,585	290	14,875	2.3	687	4	691	2.8
1.6*	4,749	43	4,792	0.7	128	0	128	0.5
2.0	4,409	1,042	5,451	0.9	80	2	82	0.3
2.6*	1,018	53	1,071	0.2	7	0	7	-
3.0	9,497	374	9,871	1.5	368	1	369	1.5
3.6*	2,374	23	2,397	0.4	65	2	67	0.3
4.0	8,141	1,748	9,889	1.6	559	43	602	2.5
4.6*	2,374	110	2,484	0.4	55	1	56	0.2
5.0	257,786	274,656	532,442	84.6	17,255	2,698	19,953	81.4
5.6*	30,129	3,552	33,681	5.4	1,357	20	1,377	5.6
6.0	60	13	73	0.1	17	-	17	0.1
7.0	4,070	8,202	12,272	1.9	856	319	1,175	4.8
TOTAL	339,192	290,106	629,298	100.0	21,434	3,090	24,524	100.0

* .6 refers to a motorcycle licence held in conjunction with another class of licence.

VEHICLE REGISTRATION
UNDER THE HIGHWAY TRAFFIC ACT
1987

VEHICLE CLASS	CLASS TOTAL	% IN EACH CLASS
PASSENGER	537,127	64.3
DELIVERY CAR	504	0.1
ANTIQUE	17	-
MOTORCYCLE & MOPED	16,798	2.0
TRUCK	123,595	14.8
FARM TRUCK	66,097	7.9
SNOW VEHICLE (H.T.A.)	150	-
TRAILER *	90,298	10.9
TRACTOR	206	-
TOTAL 1987	**834,792**	**100.0**
TOTAL 1986	817,016	100.0
PERCENT CHANGE 1986-1987	+2.2	
SNOWMOBILE UNDER THE SNOWMOBILE ACT		
1987	**38,160**	
1986	31,158	

* INCLUDES 5 YEAR SEMI-TRAILER REGISTRATIONS, AS WELL AS UTILITY TRAILERS.

COMMERCIAL VEHICLE REGISTRATION UNDER THE HIGHWAY TRAFFIC ACT 1987

VEHICLE CLASS	CLASS TOTAL	% IN EACH CLASS
C.T. TRUCK	24,099	53.1
P.S.V. TRUCK	5,221	11.5
U-DRIVE CAR AND TRUCK	2,389	5.3
DEALER AND REPAIRER	4,519	9.9
LIVERY - CITY	460	1.0
LIVERY - COUNTRY	339	0.8
TAXI - CITY	59	0.1
P.S.V. BUS	161	0.4
C.T. TRAILER (INCLUDES SEMI-TRAILER) *	8,110	17.8
P.S.V. TRAILER	28	0.1
TOTAL 1987	45,385	100.0
TOTAL 1986	38,855	100.0
PERCENT CHANGE 1986-1987	+16.8	

* COMMERCIAL TRAILERS USED IN CONJUNCTION WITH COMMERCIAL TRUCKS.

SYNOPSIS
MOTOR VEHICLE TRAFFIC ACCIDENTS
1987

A. 1987 ACCIDENT PICTURE

		(1986)
TOTAL ACCIDENTS	39,365	36,252
FATAL	138	142
INJURY	8,493	8,078
PROPERTY DAMAGE	30,734	28,032
TOTAL VICTIMS	12,095	11,508
KILLED	165	168
INJURED	11,930	11,340
TOTAL DRIVERS INVOLVED	57,572	54,658
TOTAL VEHICLES INVOLVED	65,317	61,290

B. DRIVER STATISTICS

*THE NUMBER OF ACTIVE DRIVERS IN THE PROVINCE OF MANITOBA INCREASED BY 1.0 PERCENT, FROM 623,406 IN 1986 TO 629,298 IN 1987.

C. VEHICLE REGISTRATIONS

*VEHICLE REGISTRATIONS UNDER THE HIGHWAY TRAFFIC ACT ROSE 2.2 PERCENT, FROM 817,016 IN 1986 TO 834,792 IN 1987.

*COMMERCIAL VEHICLE REGISTRATIONS ROSE 16.8 PERCENT, FROM 38,855 IN 1986 TO 45,385 IN 1987. THE NUMBER OF PUBLIC SERVICE TRUCKS INCREASED 23.2 PERCENT, FROM 4,237 IN 1986 TO 5,221 IN 1987, AS A RESULT OF INCREASED DESIGNATED COMMODITY CARRIERS BEING GRANTED PUBLIC SERVICE OPERATING AUTHORITY. SEMI-TRAILERS REGISTRATIONS IN 1987 NUMBERED 7,014, REPRESENTING THE CULMINATION OF A FIVE YEAR REGISTRATION PERIOD.

D. **TIME-RELATED ACCIDENT FACTS IN 1987**

*THREE MONTHS - DECEMBER, FEBRUARY AND OCTOBER (IN DESCENDING ORDER) ACCOUNTED FOR 29.7% OF ALL ACCIDENTS OCCURRING IN 1987.

*34.7% OF ALL ACCIDENTS OCCURRED ON EITHER FRIDAY OR SATURDAY.

*22.1% OF ALL ACCIDENTS OCCURRED BETWEEN THE HOURS OF 3-6 P.M.

E. **OTHER SELECTED ACCIDENT STATISTICS FOR 1987**

*MANITOBA'S 1987 ACCIDENT STATISTICS SHOW A 2.8 PERCENT DECREASE IN FATAL ACCIDENTS (FROM 142 IN 1986 TO 138 IN 1987), AND A 1.8 PERCENT DECREASE IN FATAL VICTIMS (FROM 168 IN 1986 TO 165 IN 1987).

*TOTAL ACCIDENTS, INCLUDING FATALITY, INJURY AND PROPERTY DAMAGE, ROSE BY 8.6 PERCENT, FROM 36,252 IN 1986 TO 39,365 IN 1987. INJURY ACCIDENTS INCREASED 5.1 PERCENT , FROM 8,078 IN 1986 TO 8,493 IN 1987, AND PROPERTY DAMAGE ACCIDENTS BY 9.6 PERCENT, FROM 28,032 IN 1986 TO 30,734 IN 1987.

*THE INCREASE IN INJURY ACCIDENTS IS IN PART ATTRIBUTED TO THE DECREASE IN FATAL VICTIMS WEARING A COMBINED SEAT BELT ASSEMBLY, WITH A POTENTIAL DEATH BECOMING AN INJURY. WEATHER ALSO PLAYED A PART, WITH INJURY ACCIDENTS INCREASING BY 34.3 PERCENT IN JANUARY AND 25.1 PERCENT IN OCTOBER. BOTH MONTHS WERE CHARACTERIZED BY SEVERE WEATHER CONDITIONS.

*OF 118 FATAL VEHICLE OCCUPANT VICTIMS, 61 OR 51.7 PERCENT WERE KNOWN NOT TO BE WEARING AN AVAILABLE SAFETY DEVICE, AND A FURTHER SIX, OR 5.1 PERCENT, HAD NO SAFETY DEVICE AVAILABLE.

*A TOTAL OF 30, OR 25.4 PERCENT OF VEHICLE OCCUPANTS WERE EJECTED FROM THEIR VEHICLES. NONE OF THESE VICTIMS WAS BELTED. A FURTHER SEVEN VICTIMS WERE PARTIALLY EJECTED FROM THEIR VEHICLES. ONLY ONE WAS BELTED.

*IN URBAN AREAS, MOTOR VEHICLE TO MOTOR VEHICLE COLLISIONS ACCOUNTED FOR 82.3% OF ALL REPORTABLE ACCIDENTS, WHILE IN RURAL AREAS 35.0% OF REPORTABLE ACCIDENTS RESULTED FROM RUNNING OFF THE ROADWAY.

*84.8% OF ALL ACCIDENTS OCCURRED ON STRAIGHT ROADS.

*34.2% OF ALL ACCIDENTS OCCURRED AT INTERSECTIONS.

*62.4% OF ALL ACCIDENTS OCCURRED IN THE CITY OF WINNIPEG.

*OF 12,095 KILLED AND INJURED VICTIMS, 2,064 OR 17.1% WERE BETWEEN THE AGE GROUP 15 TO 19 YEARS AND 2,601 OR 21.5% BETWEEN THE AGE GROUP 25 TO 34 YEARS.

*PEDESTRIAN ACCIDENT VICTIMS DECREASED BY TEN PERCENT, FROM 30 IN 1986 TO 27 IN 1987. INJURY VICTIMS DECREASED BY 6.3 PERCENT, FROM 699 TO 655.

*A TOTAL OF 295 OR 43.2 PERCENT OF PEDESTRIANS KILLED OR INJURED IN TRAFFIC ACCIDENTS IN 1987, WERE CROSSING THE ROADWAY BETWEEN INTERSECTIONS.

*URBAN ROADWAYS ACCOUNTED FOR 70.4 PERCENT OF THE 27 PEDESTRIAN ACCIDENT VICTIMS KILLED, AND 95.1 PERCENT OF THE 655 PEDESTRIANS INJURED IN 1987.

*APPROXIMATELY 75.5% OF THE VEHICLES INVOLVED WERE PASSENGER VEHICLES.

*6.1% OF THE VEHICLES INVOLVED WERE ONE YEAR OLD, WHILE 38.2% OF VEHICLES INVOLVED WERE BETWEEN 8-16 YEARS OLD.

*DRIVING TOO FAST FOR CONDITIONS, FOLLOWING TOO CLOSELY, AND LOSING CONTROL OF THE VEHICLE WERE THE MOST FREQUENT IMPROPER DRIVING ACTIONS ASSOCIATED WITH ACCIDENTS IN 1987.

*THE EARLY 1980'S WERE CHARACTERIZED BY A DECREASE IN MOTOR VEHICLE ACCIDENTS, AND A CORRESPONDING DECREASE IN ACCIDENT VICTIMS. THIS DOWNWARD TREND IN ACCIDENTS, COMMON ACROSS CANADA, WAS ATTRIBUTED TO THE RECESSION AND CONSEQUENT REDUCED NUMBER OF VEHICLE MILES TRAVELLED DURING THIS TIME PERIOD THROUGHOUT THE COUNTRY. TRAFFIC ACCIDENTS BEGAN AN UPWARD SWING AGAIN IN 1985. GIVEN PAST TRENDS, IT IS EXPECTED THAT ACCIDENT RATES ACROSS CANADA WILL CONTINUE TO INCREASE OVER THE NEXT TWO TO THREE YEARS. IT IS CONJECTURED THAT IF CANADA ENTERS A PERIOD OF RECESSION AT THIS POINT, THERE WILL BE A SUBSEQUENT DOWNWARD TREND IN ACCIDENT RATES.

III.A.2

MOTOR VEHICLE TRAFFIC ACCIDENTS
ANALYSIS OF FIVE YEAR PERIOD
1983 - 1987

	1983	1984	% CHANGE 83 - 84	1985	1986	% CHANGE 85 - 86	1987	% CHANGE 86 - 87	% CHANGE 83 - 87
TOTAL ACCIDENTS	31,877	32,548	+2.1	35,861	36,252	+1.1	39,365	+8.6	+23.5
FATAL	126	112	-11.1	109	142	+30.3	138	-2.8	+9.5
INJURY	7,935	7,961	+0.3	7,648	8,078	+5.6	8,493	+5.1	+7.0
PROPERTY DAMAGE	23,816	24,475	+2.8	28,104	28,032	-0.3	30,734	+9.6	+29.1
TOTAL VICTIMS	10,931	11,791	+7.9	10,817	11,508	+6.4	12,095	+5.1	+10.7
KILLED	133	127	-4.5	133	168	+26.3	165	-1.8	+24.1
INJURED	10,798	11,664	+8.0	10,684	11,340	+6.1	11,930	+5.2	+10.5
TOTAL VEHICLES INVOLVED	54,284	55,786	+2.8	61,936	61,290	-1.0	65,317	+6.6	+20.3
FATAL	175	171	-2.3	156	212	+35.9	202	-4.7	+15.4
INJURY	14,085	14,131	+0.3	13,823	14,523	+5.1	15,242	+5.0	+8.2
PROPERTY DAMAGE	40,024	41,484	+3.7	47,957	46,555	-2.9	49,873	+7.1	+24.6
TOTAL DRIVERS INVOLVED	49,139	50,450	+2.7	55,909	54,658	-2.2	57,572	+5.3	+17.2
FATAL	169	163	-3.6	145	196	+35.2	186	-5.1	+10.1
INJURY	13,424	13,366	-0.4	13,186	13,866	+5.2	14,505	+4.6	+8.1
PROPERTY DAMAGE	35,546	36,921	+3.9	42,578	40,596	-4.7	42,881	+5.6	+20.6

III.B.1

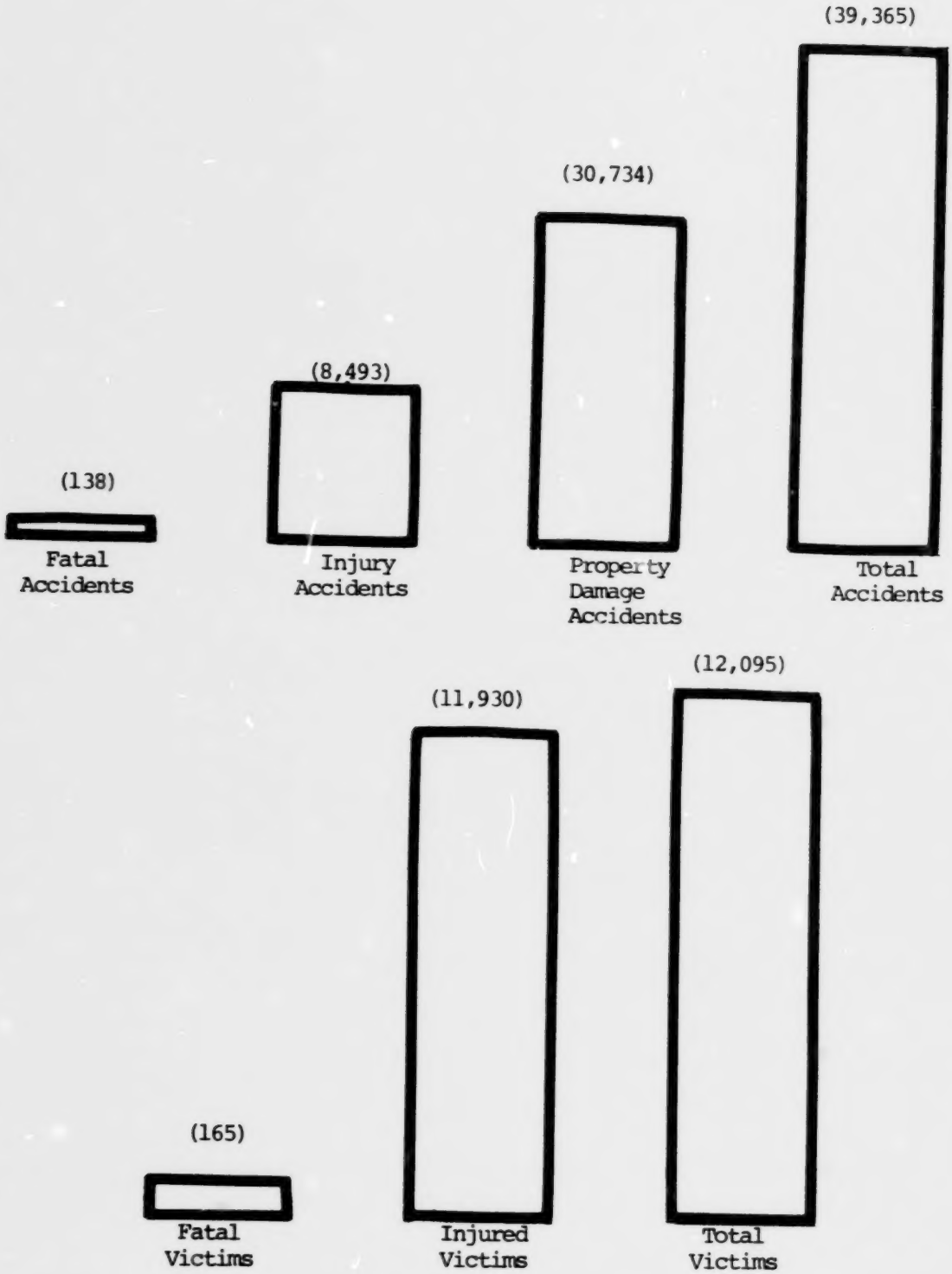
MOTOR VEHICLE TRAFFIC ACCIDENTS AND VICTIMS
1987
BY NATURE OF ACCIDENT AND INJURY AND MONTH OF OCCURRENCE

	NATURE OF ACCIDENT					TYPE OF INJURY			
MONTH	FATAL	INJURY	PROP DAMAGE	TOTAL ACCIDENTS	% IN EACH MONTH	KILLED	INJURED	TOTAL VICTIMS	% IN EACH MONTH
JANUARY	3	748	2,967	3,718	9.4	3	1,047	1,050	8.7
FEBRUARY	3	776	3,127	3,906	9.9	4	1,073	1,077	8.9
MARCH	9	597	2,438	3,044	7.7	10	845	855	7.1
APRIL	11	584	1,868	2,463	6.3	12	819	831	6.9
MAY	16	724	2,065	2,805	7.1	18	1,009	1,027	8.5
JUNE	18	726	2,312	3,056	7.8	22	1,036	1,058	8.8
JULY	13	738	2,239	2,990	7.6	18	1,029	1,047	8.7
AUGUST	15	712	2,384	3,111	7.9	25	1,040	1,065	8.8
SEPTEMBER	20	681	2,330	3,031	7.7	21	944	965	8.0
OCTOBER	8	833	3,013	3,854	9.8	9	1,184	1,193	9.8
NOVEMBER	11	664	2,795	3,470	8.8	12	914	926	7.6
DECEMBER	11	710	3,196	3,917	10.0	11	990	1,001	8.2
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**	**165**	**11,930**	**12,095**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0	168	11,340	11,508	100.0
PERCENT CHANGE 1986-87	-2.8	+5.1	+9.6	+8.6		-1.8	+5.2	+5.1	

GRAPH 1

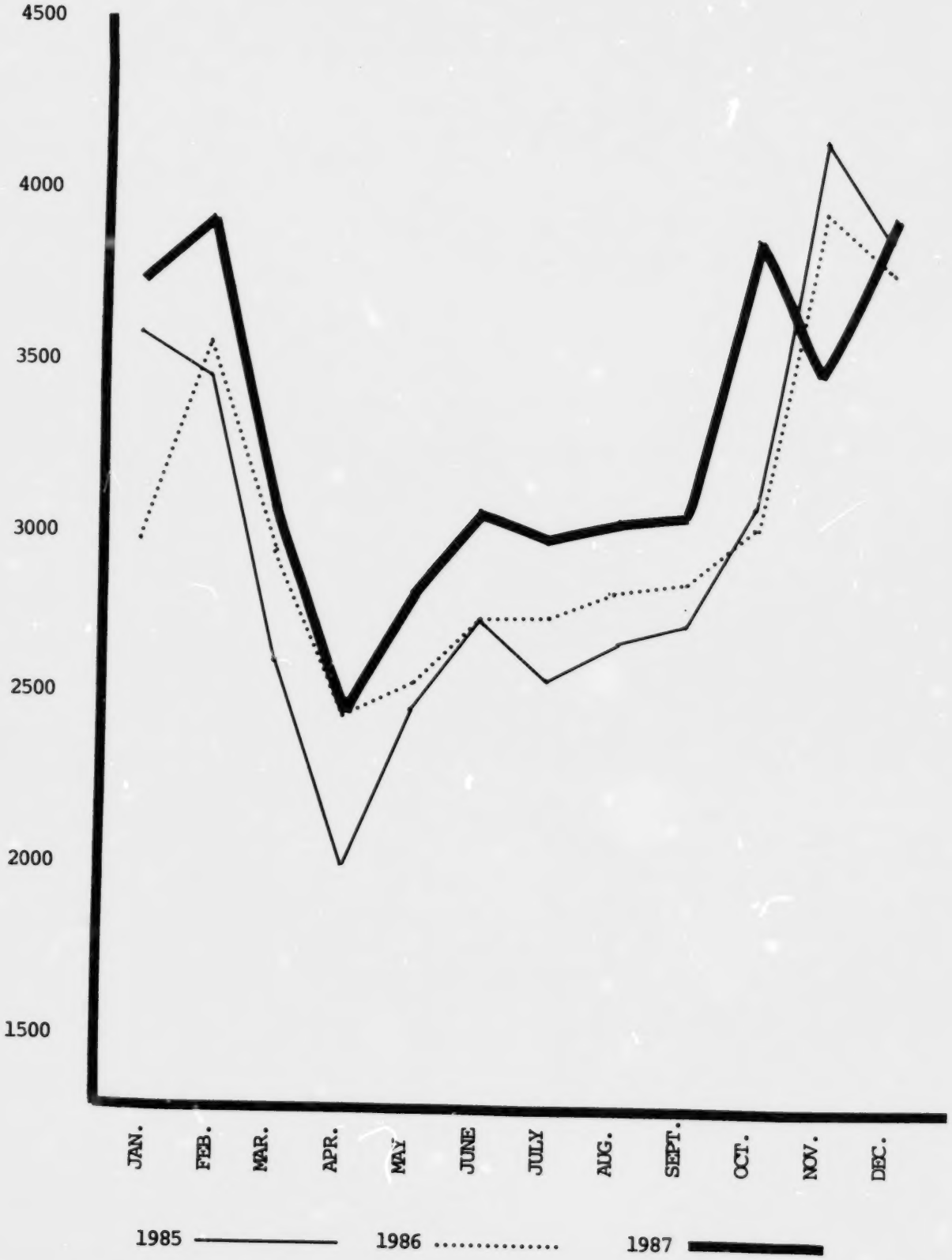
TRAFFIC ACCIDENTS AND ACCIDENT VICTIMS

1987



GRAPH 11

GRAPHIC DISTRIBUTION OF ALL ACCIDENTS
1985 TO 1987



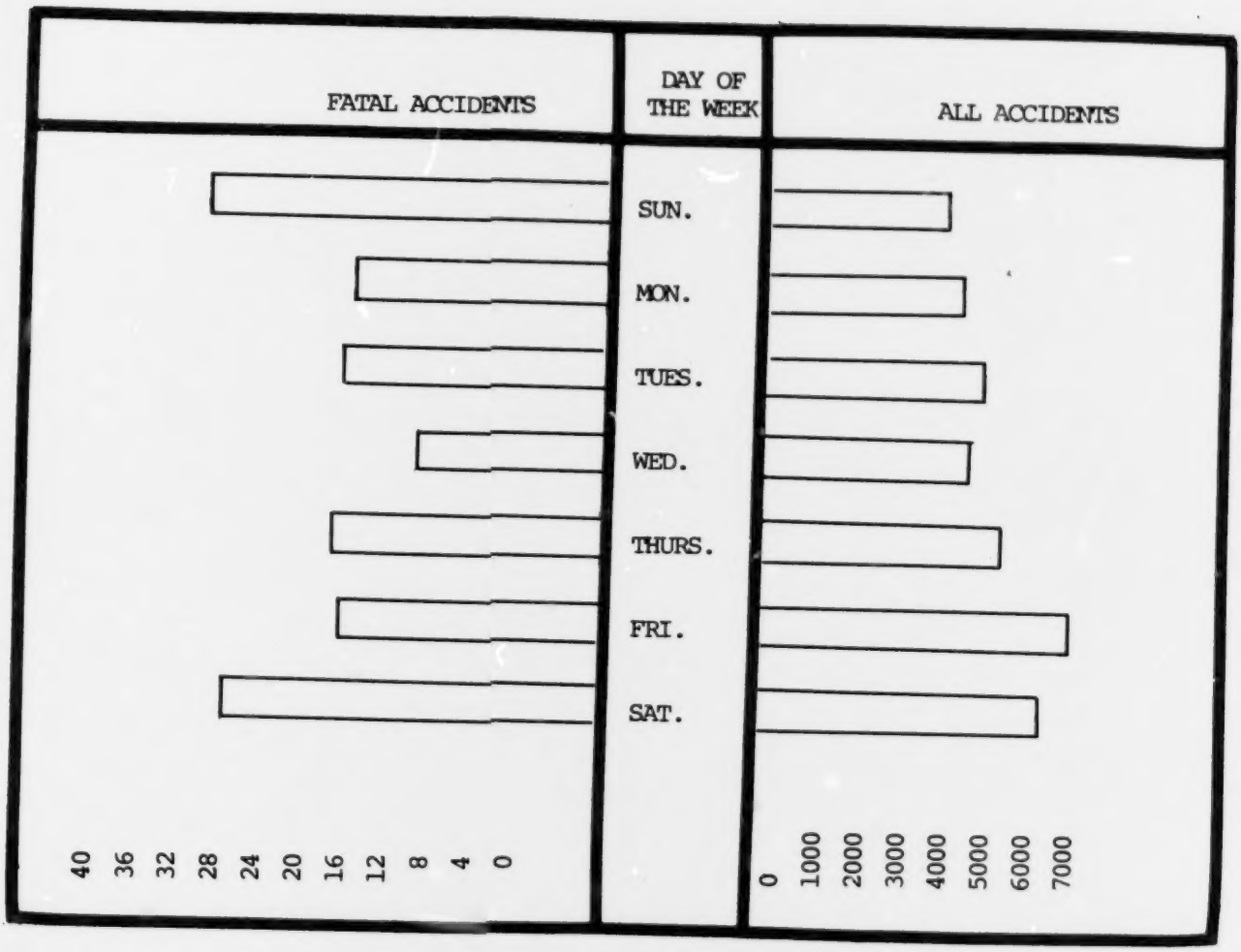
MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND DAY OF OCCURRENCE

DAY	FATAL	INJURY	PROP DAMAGE	TOTAL	% ON EACH DAY
MONDAY	16	1,037	3,601	4,654	11.8
TUESDAY	17	1,132	3,857	5,006	12.7
WEDNESDAY	10	1,113	3,859	4,982	12.7
THURSDAY	18	1,157	4,432	5,607	14.2
FRIDAY	17	1,513	5,577	7,107	18.1
SATURDAY	28	1,366	5,144	6,538	16.6
SUNDAY	30	947	3,200	4,177	10.6
NOT STATED	2	228	1,064	1,294	3.3
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-87	-2.8	+5.1	+9 6	+8.6	

GRAPH 111

DAILY DISTRIBUTION OF TRAFFIC ACCIDENTS

1987



III.B.6

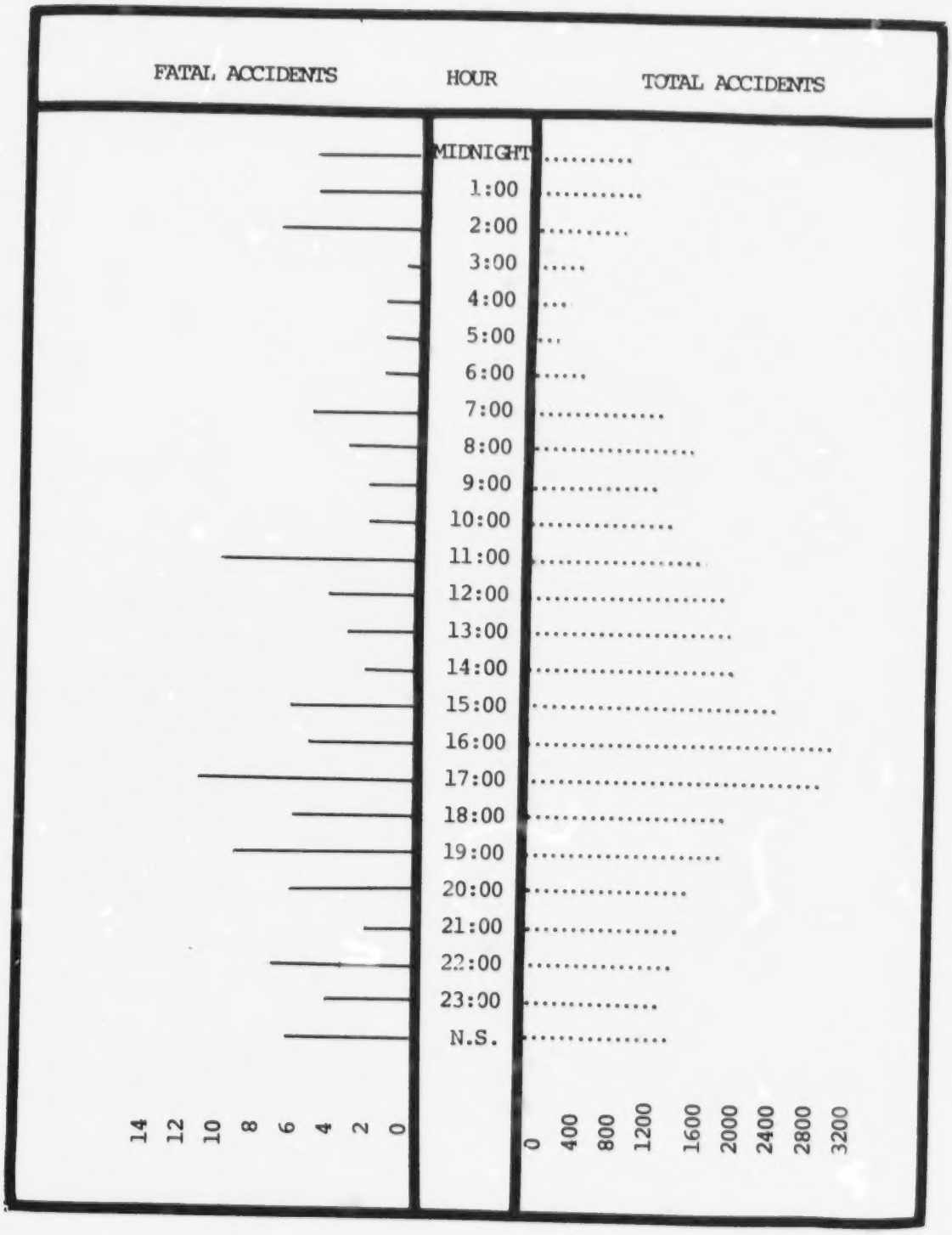
MOTOR VEHICLE TRAFFIC ACCIDENTS
1987
NATURE OF ACCIDENT AND TIME OF OCCURRENCE

HOUR	NUMBER OF ACCIDENTS FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY	NUMBER OF VICTIMS KILLED	INJURED	TOTAL	% IN EACH CATEGORY
24:00- 1:00	6	199	785	990	2.5	6	286	292	2.4
1:00- 2:00	6	240	862	1,108	2.8	9	363	372	3.1
2:00- 3:00	8	224	593	925	2.4	10	347	357	3.0
3:00- 4:00	1	121	349	471	1.2	1	169	170	1.4
4:00- 5:00	2	89	261	352	0.9	2	133	135	1.1
5:00- 6:00	2	67	218	287	0.7	2	85	87	0.7
6:00- 7:00	2	103	396	501	1.3	3	138	141	1.2
7:00- 8:00	6	325	1,039	1,370	3.5	6	424	430	3.6
8:00- 9:00	4	402	1,275	1,681	4.3	6	529	535	4.4
9:00-10:00	3	257	1,003	1,263	3.2	3	329	332	2.7
10:00-11:00	3	289	1,206	1,498	3.8	3	386	389	3.2
11:00-12:00	11	387	1,427	1,825	4.6	11	548	559	4.6
12:00-13:00	5	405	1,601	2,011	5.1	6	540	546	4.5
13:00-14:00	4	463	1,664	2,131	5.4	6	640	646	5.3
14:00-15:00	3	462	1,736	2,201	5.6	3	640	643	5.3
15:00-16:00	7	683	2,046	2,736	6.9	7	957	964	8.0
16:00-17:00	6	774	2,429	3,209	8.1	8	1,029	1,037	8.6
17:00-18:00	12	672	2,103	2,787	7.1	14	943	957	7.9
18:00-19:00	7	465	1,606	2,078	5.3	10	682	692	5.7
19:00-20:00	10	418	1,596	2,024	5.1	17	613	630	5.2
20:00-21:00	7	352	1,370	1,729	4.4	8	508	516	4.3
21:00-22:00	3	331	1,275	1,609	4.1	3	480	483	4.0
22:00-23:00	8	279	1,309	1,596	4.1	8	412	420	3.5
23:00-24:00	5	259	1,200	1,464	3.7	6	388	394	3.3
NOT STATED	7	227	1,285	1,519	3.9	7	361	368	3.0
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**	**165**	**11,930**	**12,095**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0	168	11,340	11,508	100.0
PERCENT CHANGE 1986-87	-2.8	+5.1	+9.6	+8.6		-1.8	+5.2	+5.1	

GRAPH 1V

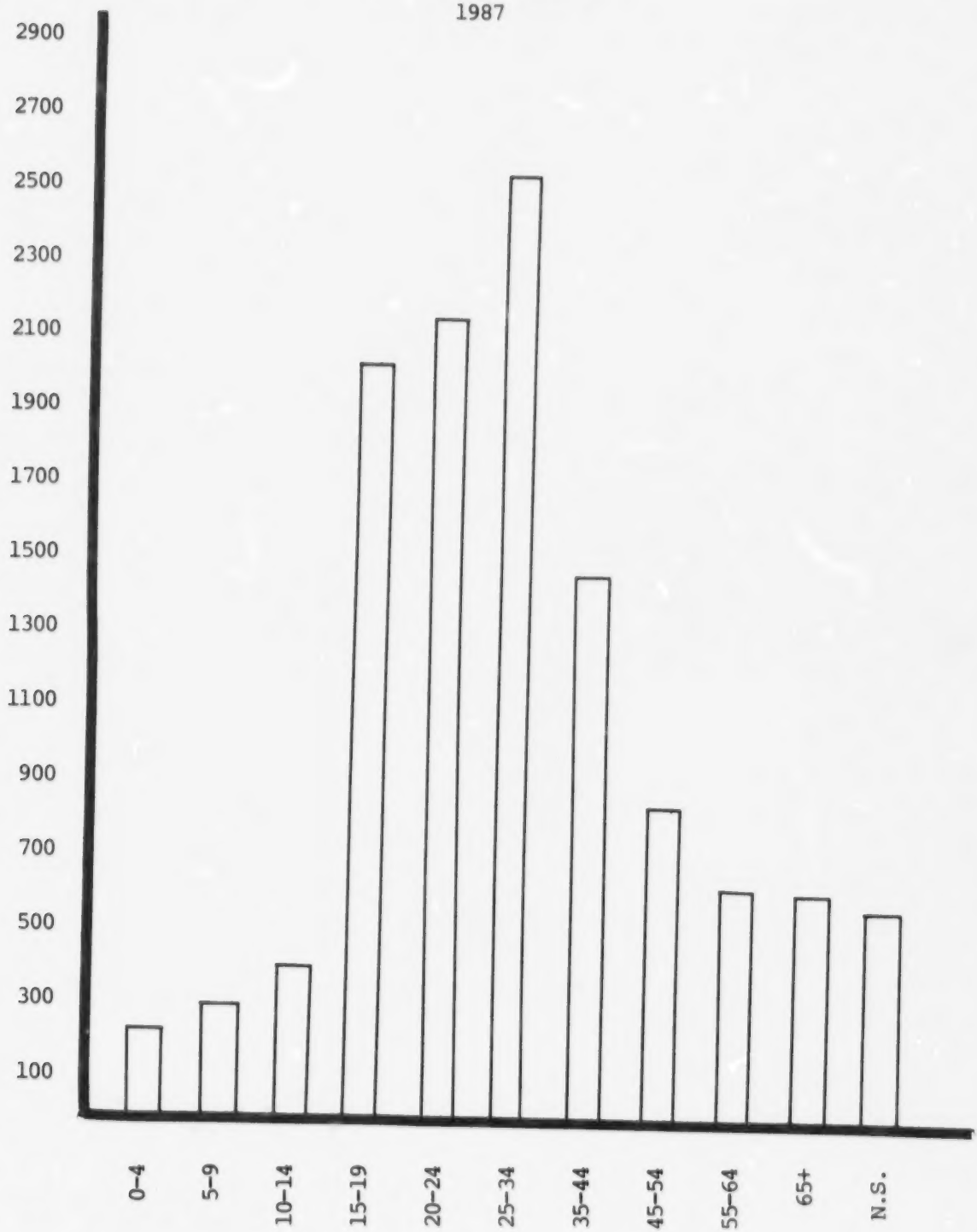
GRAPHIC DISTRIBUTION OF TIME
OF TRAFFIC ACCIDENTS

1987



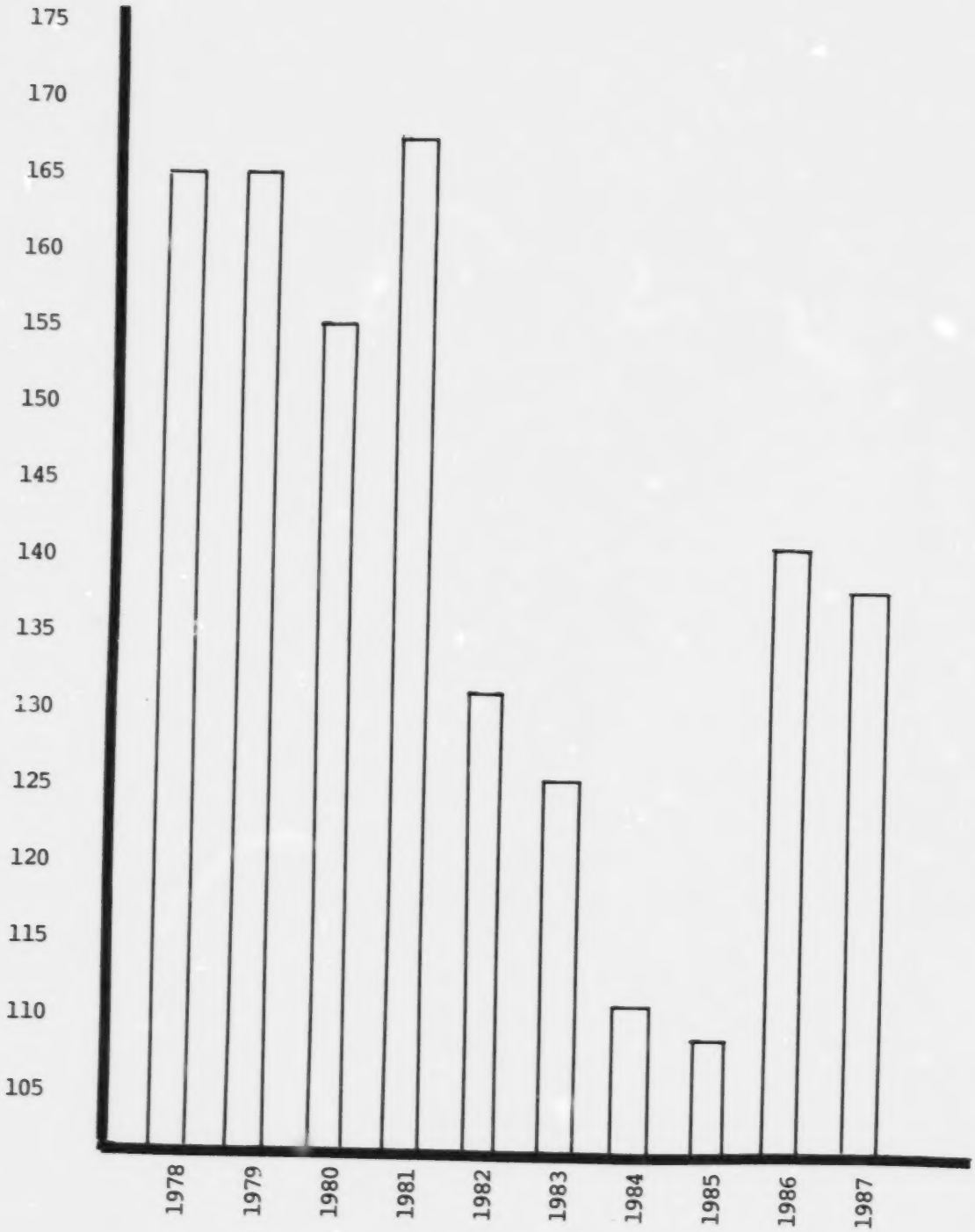
GRAPH V

MOTOR VEHICLE ACCIDENT VICTIMS
BY AGE
KILLED AND INJURED
1987



GRAPH V1

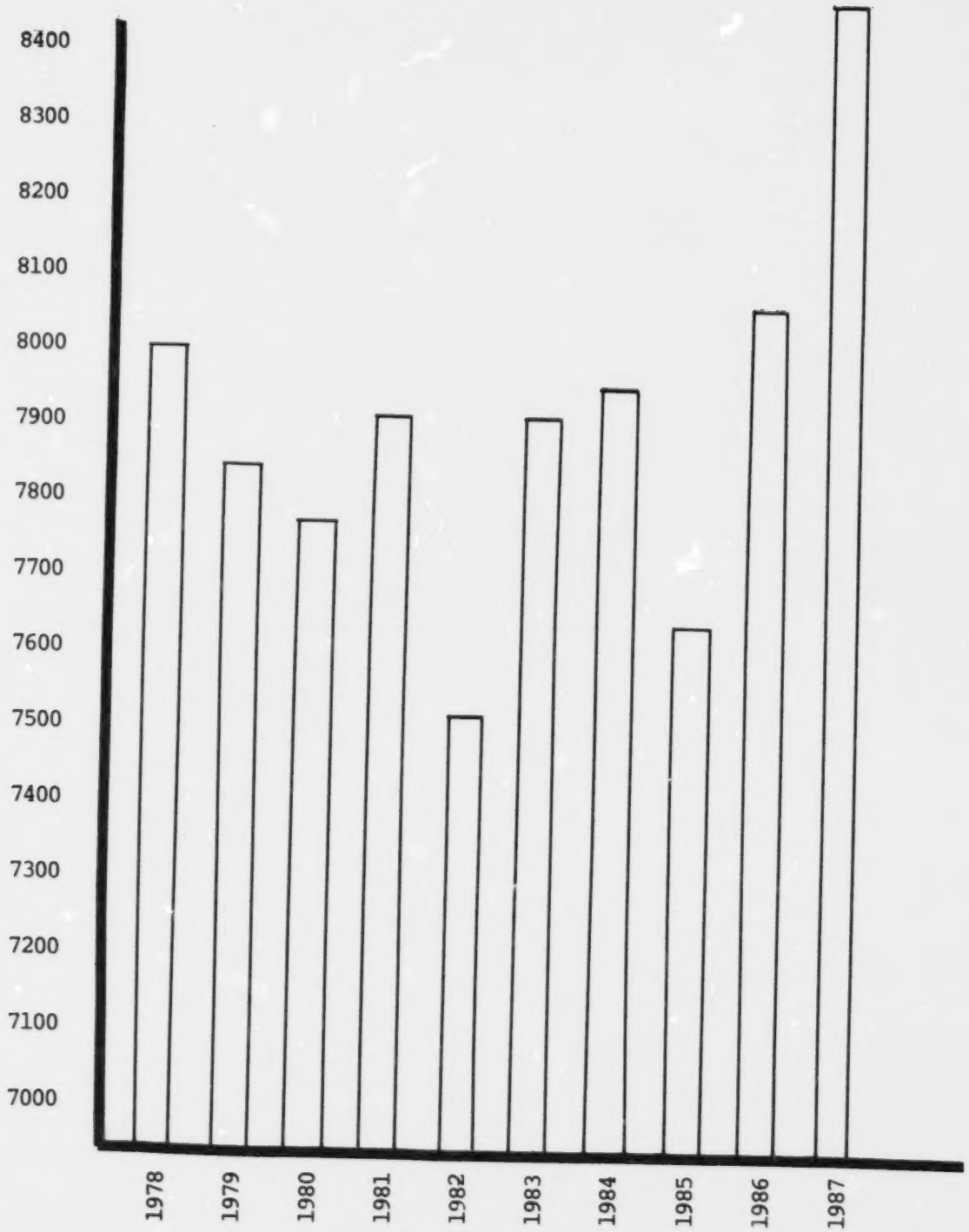
FATAL TRAFFIC ACCIDENTS
1978 TO 1987



GRAPH V11

INJURY TRAFFIC ACCIDENTS

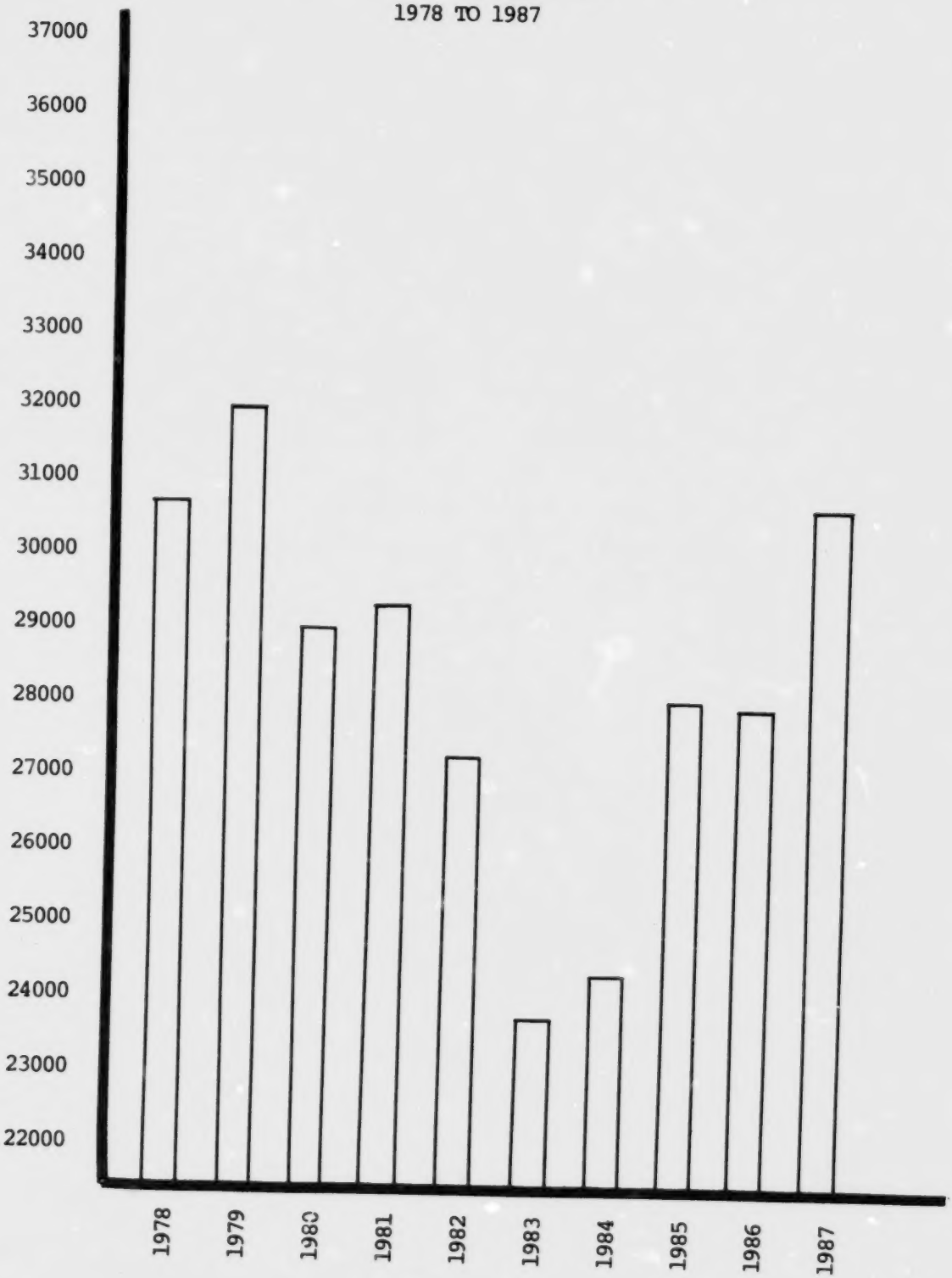
1978 TO 1987



GRAPH V111

PROPERTY DAMAGE ACCIDENTS

1978 TO 1987



MOTOR VEHICLE TRAFFIC ACCIDENTS
1987
BY NATURE AND TYPE OF ACCIDENT

	URBAN			RURAL			PROVINCIAL TOTAL				
ACCIDENT TYPE	FATAL	INJURY	PROP DAMAGE	FATAL	INJURY	PROP DAMAGE	FATAL	INJURY	PROP DAMAGE	TOTAL ALL CATEGORIES	% IN EACH CATEGORY
PEDESTRAIN	19	564	4	8	33	1	27	597	5	629	1.6
MOTOR VEHICLE	8	4,850	20,886	33	524	1,377	41	5,374	22,263	27,678	70.3
RAILWAY TRAIN	0	6	12	4	8	6	4	14	18	36	0.1
MOTORCYCLE	4	251	217	6	61	40	10	312	257	579	1.5
BICYCLE	3	335	37	3	13	9	6	348	46	400	1.0
ANIMAL	0	4	110	0	59	1,625	0	63	1,735	1,798	4.6
FIXED OBJECT	3	436	2,719	3	132	664	6	568	3,383	3,957	10.0
OTHER OBJECT	0	18	125	5	33	135	5	51	260	316	0.8
OVERTURNED IN ROADWAY	0	19	32	2	86	131	2	105	163	270	0.7
RAN OFF ROADWAY	2	124	364	33	888	1,911	35	1,012	2,275	3,322	8.4
OTHER NON-COLLISION	0	25	88	2	24	241	2	49	329	380	1.0
COLLISION WITH MOPED	0	0	0	0	0	0	0	0	0	0	-
TOTAL 1987	**39**	**6,632**	**24,594**	**99**	**1,861**	**6,140**	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	43	6,470	22,661	99	1,608	5,371	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-87	-9.3	+2.5	+8.5	..	+15.7	+14.3	-2.8	+5.1	+9.6	+8.6	

III.B.13

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ACCIDENT SITE TYPE

ACCIDENT SITE TYPE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
INTERSECTION	34	3,970	9,441	13,445	34.2
BETWEEN INTERSECTIONS	76	3,333	12,221	15,630	39.7
INTERSECTION OF PRIVATE DRIVE	5	193	866	1,064	2.7
LANE	1	129	920	1,050	2.7
PARKING LOT	0	191	4,663	4,854	12.3
RAILROAD LEVEL CROSSING	4	31	66	101	0.3
BRIDGE/OVERPASS	1	155	377	533	1.4
TUNNEL/UNDERPASS	0	10	35	45	0.1
OFF-ROAD	2	93	374	469	1.2
NOT APPLICABLE	8	308	1,384	1,700	4.3
OTHER	0	3	11	14	-
UNKNOWN	7	77	376	460	1.1
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ROAD ALIGNMENT

ROAD ALIGNMENT	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
LEVEL AND STRAIGHT	100	7,282	26,016	33,398	84.8
LEVEL AND CURVE	19	575	1,689	2,283	5.8
STRAIGHT WITH GRADE	8	204	717	929	2.4
CURVE WITH GRADE	4	142	427	573	1.5
TOP OF HILL	4	52	241	297	0.8
BOTTOM OF HILL	0	62	193	255	0.6
NOT APPLICABLE	0	117	1,069	1,186	3.0
OTHER	0	1	10	11	-
UNKNOWN	3	58	372	433	1.1
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

III.B.15

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ROAD CATEGORY

ROAD CATEGORY	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
DIVIDED	32	3,296	8,319	11,647	29.5
UNDIVIDED	102	4,916	19,493	24,511	62.3
RAMP	1	39	103	143	0.4
NOT APPLICABLE	2	184	2,413	2,599	6.6
OTHER	0	0	20	20	0.1
UNKNOWN	1	58	386	445	1.1
TOTAL 1987	138	8,493	30,734	39,365	100.0
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

III.B.16

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ROAD SURFACE TYPE

ROAD SURFACE TYPE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
ASPHALT	83	3,793	13,500	17,376	44.1
CONCRETE	12	2,287	6,680	8,979	22.8
GRAVEL	29	699	3,467	4,195	10.7
EARTH/DIRT	1	37	261	299	0.8
PAVED	11	1,553	6,072	7,636	19.4
NOT APPLICABLE	1	75	452	528	1.3
OTHER	0	1	1	2	-
UNKNOWN	1	48	301	350	0.9
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ROAD CONDITION

ROAD CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
GOOD	131	7,967	28,549	36,647	93.1
DEFECTIVE	0	78	279	357	1.0
UNDER REPAIR	1	42	103	146	0.4
UNDER CONSTRUCTION	1	62	184	247	0.6
OBSTRUCTION NOT LIGHTED	0	8	48	56	0.1
HOLE/RUT/BUMP	3	200	737	940	2.4
PAVEMENT DROP OFF	0	6	14	20	0.1
NOT APPLICABLE	1	87	524	612	1.5
OTHER	0	1	2	3	-
UNKNOWN	1	42	294	337	0.8
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ROAD SURFACE CONDITION

ROAD SURFACE CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
DRY	95	5,155	17,343	22,593	57.4
WET	14	1,296	3,793	5,103	13.0
MUD	0	16	98	114	0.3
SNOW	8	372	2,209	2,589	6.6
ICE	13	1,187	5,573	6,773	17.2
SLUSH	0	160	457	617	1.6
LOOSE SAND/GRAVEL/DIRT	4	169	377	550	1.4
FRESH OIL	0	10	7	17	-
NOT APPLICABLE	1	78	528	607	1.5
OTHER	0	4	5	9	-
UNKNOWN	3	46	344	393	1.0
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

MOTOR VEHICLE TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND LIGHT CONDITION

LIGHT CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
DAY	73	5,522	18,270	23,865	60.6
DAWN	2	137	443	582	1.5
DUSK	7	317	1,283	1,607	4.1
DARK	47	1,412	5,996	7,455	18.9
ARTIFICIAL LIGHTING	9	988	3,797	4,794	12.2
NOT APPLICABLE	0	69	558	627	1.6
OTHER	0	0	0	0	-
UNKNOWN	0	48	387	435	1.1
TOTAL 1987	138	8,493	30,734	39,365	100.0
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

MOTOR VEHICLE TRAFFIC ACCIDENTS
1987
BY NATURE OF ACCIDENT AND WEATHER CONDITION

WEATHER CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
CLEAR	85	5,599	20,224	25,908	65.8
CLOUDY	32	1,689	5,604	7,325	18.6
RAINING	5	435	1,433	1,873	4.7
SNOWING	4	347	1,505	1,856	4.7
FOG OR MIST	6	116	446	568	1.4
SMOKE OR DUST	0	4	28	32	0.1
FREEZING RAIN/SLEET/HAIL	2	84	251	337	0.9
DRIFTING SNOW	0	60	194	254	0.7
STRONG WINDS	0	22	69	91	0.2
NOT APPLICABLE	1	84	584	669	1.7
OTHER	0	0	0	0	0.0
UNKNOWN	3	53	396	452	1.2
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0
PERCENT CHANGE 1986-1987	-2.8	+5.1	+9.6	+8.6	

MOTOR VEHICLE TRAFFIC ACCIDENTS/VICTIMS
1987
BY NATURE OF ACCIDENT
AND PLACE OF OCCURRENCE

PLACE OF OCCURRENCE	FATAL ACCIDENTS	INJURY ACCIDENTS	PROP DAMAGE ACCIDENTS	TOTAL ACCIDENTS	% IN EACH CATEGORY	FATAL VICTIMS	INJURED VICTIMS	TOTAL VICTIMS	% IN EACH CATEGORY
URBAN									
REGIONAL STREETS (WINNIPEG)	33	5,727	18,784	24,544	78.5	37	7,643	7,680	86.4
URBAN 10,000 & UP (EXCLUSIVE OF WPG)	2	435	2,309	2,746	8.8	2	571	573	6.4
OTHER URBAN	4	470	3,501	3,975	12.7	4	634	638	7.2
TOTAL 1987	39	6,632	24,594	31,265	100.0	43	8,848	8,891	100.0
TOTAL 1986	43	6,470	22,661	29,174	100.0	46	8,677	8,723	100.0
PERCENT CHANGE 86-87	-9.3	+2.5	+8.5	+7.2		-6.5	+2.0	+1.9	
RURAL									
PRIMARY HIGHWAY	61	892	2,631	3,584	44.3	73	1,567	1,640	51.2
SECONDARY HIGHWAY	15	392	1,170	1,577	19.5	23	631	654	20.4
LOCAL/OTHER ROADS	23	577	2,339	2,939	36.2	26	884	910	28.4
TOTAL 1987	99	1,861	6,140	8,100	100.0	122	3,082	3,204	100.0
TOTAL 1986	99	1,608	5,371	7,078	100.0	122	2,663	2,785	100.0
PERCENT CHANGE 86-87	..	+15.7	+14.3	+14.4		...	+15.7	+15.0	
PROVINCIAL TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**	**165**	**11,930**	**12,095**	**100.0**
PROVINCIAL TOTAL 1986	142	8,078	28,032	36,252	100.0	168	11,340	11,508	100.0
PERCENT CHANGE 86-87	-2.8	+5.1	+9.6	+8.6		-1.8	+5.2	+5.1	

MOTOR VEHICLE ACCIDENTS AND VICTIMS
1987
BY EIGHT MOST POPULATED MANITOBA CENTRES

	NUMBER OF ACCIDENTS					NUMBER OF VICTIMS			
ACCIDENT LOCATION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CENTRE	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
WINNIPEG	33	5,727	18,784	24,544	62.4	37	7,643	7,680	63.5
BRANDON	1	313	1,355	1,669	4.2	1	422	423	3.5
PORTAGE LA PRAIRIE	1	64	335	400	1.0	1	81	82	0.7
FLIN FLON	0	24	223	247	0.6	0	27	27	0.2
DAUPHIN	0	25	276	301	0.8	0	31	31	0.3
THOMPSON	0	58	619	677	1.7	0	68	68	0.6
THE PAS	0	49	251	300	0.8	0	61	61	0.5
SELKIRK	0	40	244	284	0.7	0	55	55	0.5
OTHER URBAN	4	332	2,507	2,843	7.2	4	460	464	3.8
ALL RURAL	99	1,861	6,140	8,100	20.6	122	3,082	3,204	26.4
TOTAL 1987	**138**	**8,493**	**30,734**	**39,365**	**100.0**	**165**	**11,930**	**12,095**	**100.0**
TOTAL 1986	142	8,078	28,032	36,252	100.0	168	11,340	11,508	100.0
PERCENT CHANGE 1986-87	-2.8	+5.1	+9.6	+8.6		-1.8	+5.2	+5.1	

MOTOR VEHICLE ACCIDENT VICTIMS BY AGE AND SEX KILLED AND INJURED 1987

AGE GROUP	KILLED				INJURED			
	MALE	FEMALE	NOT STATED	TOTAL	MALE	FEMALE	NOT STATED	TOTAL
0 - 4	3	0	0	3	130	108	1	239
5 - 9	1	1	0	2	156	149	1	306
10 - 14	4	2	0	6	199	214	0	413
15 - 19	7	6	0	13	1,122	929	0	2,051
20 - 24	22	6	0	28	1,233	938	1	2,172
25 - 34	22	8	0	30	1,389	1,182	0	2,571
35 - 44	5	7	0	12	741	741	0	1,482
45 - 54	11	3	0	14	293	461	1	866
55 - 64	12	5	0	17	293	338	0	631
65+	22	12	0	34	273	340	1	614
AGE NOT STATED	6	0	0	6	343	242	0	585
TOTAL 1987	115	50	0	165	6,283	5,642	5	11,930
TOTAL 1986	114	54	0	168	6,178	5,162	0	11,340
PERCENT CHANGE 1986 - 1987	+0.9	-7.4	...	-1.8	+1.7	+9.3	...	+5.2

MOTOR VEHICLE ACCIDENT VICTIMS
1987
BY TYPE OF ACCIDENT AND AGE OF VICTIM
NUMBER KILLED/INJURED

AGE GROUP	PEDESTRIAN		MOTOR VEHICLE		TRAIN		MOTOR CYCLE		BICYCLE		ANIMAL		FIXED OBJECT		OTHER OBJECT		OVER TURNED		RAN OFF ROADWAY		OTHER NON-COLLISION		MOPED		ALL TYPES	
	K*	I**	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
0 - 4	1	34	1	160	0	0	0	1	0	4	0	1	0	10	0	4	0	6	1	18	0	1	0	0	3	239
5 - 9	1	65	1	161	0	0	0	0	0	38	0	1	0	7	0	4	0	9	0	20	0	1	0	0	2	306
10 - 14	1	65	3	202	0	1	0	5	0	64	0	0	0	15	2	5	0	2	0	50	0	4	0	0	6	413
15 - 19	1	66	3	1,120	0	2	1	77	0	66	0	11	2	215	0	11	1	34	4	437	1	12	0	0	13	2,051
20 - 24	2	49	10	1,381	0	3	4	135	1	55	0	17	1	188	0	11	0	31	10	291	0	11	0	0	28	2,172
25 - 34	1	75	12	1,813	2	5	3	86	2	54	0	20	0	139	0	15	0	34	8	319	2	11	0	0	30	2,571
35 - 44	0	50	7	1,145	0	3	1	28	0	15	0	11	2	62	1	15	1	18	0	131	0	4	0	0	12	1,482
45 - 54	5	28	5	679	0	1	0	14	1	6	0	8	0	32	0	4	0	7	3	82	0	5	0	0	14	866
55 - 64	5	31	5	498	1	1	0	2	0	4	0	8	0	16	1	3	0	4	5	62	0	2	0	0	17	631
65+	10	70	15	445	0	0	0	0	0	5	0	4	1	28	2	6	0	6	6	45	0	5	0	0	34	614
AGE NOT STATED	0	108	0	296	2	0	1	19	2	49	0	3	0	39	0	6	0	5	1	56	0	4	0	0	6	585
ALL AGES 1987	**27**	**641**	**62**	**7,900**	**5**	**16**	**10**	**367**	**6**	**360**	**0**	**84**	**6**	**751**	**6**	**84**	**2**	**156**	**38**	**1,511**	**3**	**60**	**0**	**0**	**165**	**11,930**
ALL AGES 1986	31	692	55	7,570	0	22	15	431	5	298	0	88	10	717	3	73	3	110	46	1,296	0	42	0	1	168	11,340
% CHANGE 1986-1987	-12.9	-7.4	+12.7	+4.4	..	-27.3	-33.3	-14.9	+20.0	+20.8	...	-4.6	-40.0	+4.7	+100.0	+15.1	-33.3	+41.8	-17.4	+16.6	...	+42.9	...	...	-1.8	+5.2

TRAFFIC ACCIDENT VICTIMS
1987
BY SAFETY EQUIPMENT AND INJURY SEVERITY

SAFETY EQUIPMENT	MINIMAL*	MINOR*	MAJOR*	FATAL*	N.S.**	TOTAL
LAP BELT ONLY INSTALLED IN USE	519	526	71	4	68	1,188
LAP BELT ONLY INSTALLED AND NOT IN USE	83	232	80	23	10	428
SHOULDER BELT ONLY INSTALLED AND IN USE	472	139	18	1	23	653
SHOULDER BELT ONLY INSTALLED AND NOT IN USE	31	51	17	5	4	108
LAP AND SHOULDER BELT ASSEMBLY IN USE	2,907	2,368	304	21	334	5,934
COMBINED BELT INSTALLED BUT NOT IN USE	223	470	167	33	13	906
ONLY LAP PART OF FULL ASSEMBLY IN USE	22	34	5	0	2	63
AIR BAG DEPLOYED	2	0	0	0	0	2
CHILD SAFETY SEAT USED	32	33	0	0	2	67
CHILD SAFETY SEAT INSTALLED BUT NOT USED	12	0	0	0	0	12
SAFETY HELMET WORN	76	158	57	4	15	310
SAFETY HELMET NOT WORN	7	20	16	3	1	47
REFLECTIVE CLOTHING OR ITEM ON PEDESTRIAN	2	1	1	0	0	4
NO SAFETY DEVICE AVAILABLE	83	229	71	11	19	413
NOT APPLICABLE	240	246	91	24	68	669
OTHER	0	0	0	0	0	0
UNKNOWN	349	525	184	36	197	1,291
TOTAL 1987	**5,060**	**5,032**	**1,082**	**165**	**756**	**12,095**
TOTAL 1986	4,904	4,510	1,093	168	833	11,508
PERCENT CHANGE 1986-1987	+3.2	+11.6	-1.0	-1.8	-9.2	+5.1

* MINIMAL INJURY - NO HOSPITAL TREATMENT
* MINOR INJURY - TREATED AND RELEASED
* MAJOR INJURY - ADMITTED TO HOSPITAL
* FATAL INJURY - DEATH WITHIN 30 DAYS OF ACCIDENT

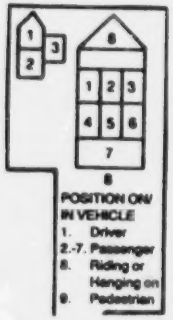
** NOT STATED

MANITOBA
FATAL VEHICLE OCCUPANT VICTIMS
BY SEAT BELT USAGE
1987

SAFETY DEVICE IN USE	VICTIMS	PERCENT OF TOTAL	NUMBER OF EJECTIONS
LAP BELT ONLY INSTALLED	4	3.4	
LAP BELT ONLY INSTALLED AND NOT IN USE	23	19.5	7 EJECTED; 3 PARTIALLY EJECTED
SHOULDER BELT ONLY INSTALLED AND IN USE	1	0.9	
SHOULDER BELT ONLY INSTALLED AND NOT IN USE	5	4.2	1 EJECTED
LAP AND SHOULDER BELT ASSEMBLY IN USE	21	17.8	1 PARTIALLY EJECTED
COMBINED ASSEMBLY INSTALLED BUT NOT IN USE	33	28.0	13 EJECTED; 2 PARTIALLY EJECTED
NO SAFETY DEVICE AVAILABLE	6	5.1	3 EJECTED; 1 PARTIALLY EJECTED
UNKNOWN	25	21.1	6 EJECTED
TOTAL 1987	**118**	**100.0**	**30 EJECTED; 7 PARTIALLY EJECTED**
TOTAL 1986	114		35 EJECTED; 7 PARTIALLY EJECTED
PERCENT CHANGE 1986-1987	+3.5		-14.3 -

MOTOR VEHICLE ACCIDENT VICTIMS
1987
BY SEVERITY OF INJURY AND
POSITION ON/IN VEHICLE

POSITION ON/IN VEHICLE	MINIMAL	MINOR	MAJOR	FATAL	NOT STATED	TOTAL	% IN EACH CATEGORY
DRIVER OF VEHICLE	3,450	2,899	595	87	424	7,455	61.6
PASSENGER (POSITION #2)	211	335	72	7	61	686	5.7
PASSENGER (POSITION #3)	914	1,021	189	27	113	2,264	18.7
PASSENGER (POSITION #4)	118	171	35	6	23	353	2.9
PASSENGER (POSITION #5)	40	87	27	3	7	164	1.4
PASSENGER (POSITION #6)	144	202	36	6	24	412	3.4
PASSENGER (POSITION #7)	15	34	6	2	2	59	0.5
RIDER/HANGER ON	5	7	5	0	3	20	0.2
PEDESTRIAN	163	276	117	27	99	682	5.6
NOT STATED	0	0	0	0	0	0	0.0
TOTAL 1987	**5,060**	**5,032**	**1,082**	**165**	**756**	**12,095**	**100.0**
TOTAL 1986	4,904	4,510	1,093	168	833	11,508	100.0
PERCENT CHANGE 1986-1987	+3.2	+11.6	-1.0	-1.8	-9.2	+5.1	



PEDESTRIAN ACCIDENT VICTIMS
1987
BY PEDESTRIAN ACTION AND INJURY SEVERITY

PEDESTRIAN ACTION	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
CROSSING WITH SIGNAL	1	58	59	8.6
CROSSING AGAINST SIGNAL	2	47	49	7.1
CROSSING NO SIGNAL, MARKED X-WALK	0	16	16	2.4
CROSSING NO SIGNAL OR CROSSWALK	3	74	77	11.3
CROSSING BETWEEN INTERSECTIONS	5	97	102	15.0
WALK ON/ALONG ROAD WITH TRAFFIC	4	20	24	3.5
WALK ON ROAD AGAINST TRAFFIC	1	14	15	2.2
ON SIDEWALK/SHOULDER/MEDIAN	0	26	26	3.8
WALKING ON BRIDGE	0	3	3	0.4
EMERGE FROM BEHIND PARKED VEHICLE	0	32	32	4.7
EMERGE FROM BEHIND MOVING VEHICLE	0	7	7	1.0
GETTING ON/OFF SCHOOL BUS	0	0	0	0.0
GETTING ON/OFF OTHER VEHICLE	1	6	7	1.0
PUSHING/WORKING ON VEHICLE	0	4	4	0.6
RIDING OR HITCHING ON VEHICLE	0	4	4	0.6
PLAYING/AT WORK ON ROADWAY	1	13	14	2.1
HITCH-HIKING ON/ALONG ROADWAY	0	1	1	0.2
NOT APPLICABLE	0	0	0	0.0
OTHER	0	0	0	0.0
UNKNOWN	9	233	242	35.5
TOTAL 1987	**27**	**655**	**682**	**100.0**
TOTAL 1986	30	699	729	100.0
PERCENT CHANGE 1986-1987	-10.0	-6.3	-6.5	

III.C.7

PEDESTRIAN ACCIDENT VICTIMS 1987 BY PLACE OF OCCURRENCE AND INJURY SEVERITY

PLACE OF OCCURRENCE	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
URBAN	19	623	642	94.1
RURAL	8	32	40	5.9
TOTAL 1987	27	655	682	100.0
TOTAL 1986	30	699	729	100.0
PERCENT CHANGE 1986-1987	-10.0	-6.3	-6.5	

PEDESTRIAN ACCIDENT VICTIMS 1987 BY ACCIDENT SITE TYPE AND INJURY SEVERITY

ACCIDENT SITE TYPE	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
INTERSECTION	7	249	256	37.5
BETWEEN INTERSECTIONS	16	279	295	43.2
INTERSECTION OF PRIVATE DRIVE	1	13	14	2.1
LANE	0	14	14	2.1
PARKING LOT	0	63	63	9.2
RAILROAD LEVEL CROSSING	0	0	0	0.0
BRIDGE/OVERPASS	0	3	3	0.4
TUNNEL/UNDERPASS	0	0	0	0.0
OFF-ROAD	0	6	6	0.9
NOT APPLICABLE	2	14	16	2.4
OTHER	0	0	0	0.0
UNKNOWN	1	14	15	2.2
TOTAL 1987	**27**	**655**	**682**	**100.0**
TOTAL 1986	30	699	729	100.0
PERCENT CHANGE 1986-1987	-10.0	-6.3	-6.5	

III.D.1

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND VEHICLE TYPE

VEHICLE TYPE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
AUTOMOBILE	97	11,597	37,609	49,303	75.5
MOTORCYCLE	10	396	320	726	1.1
BICYCLE	6	356	30	392	0.6
MOPED	0	6	12	18	-
SCHOOL BUS	0	14	70	84	0.1
TRANSIT BUS	2	53	174	229	0.4
INTER-CITY BUS	0	2	10	12	-
BUS (OTHER)	0	17	54	71	0.1
PICK-UP OR VAN UNDER 5,000 KG	54	2,244	9,581	11,879	18.2
TRUCK OVER 5,000 KG	7	160	639	806	1.2
TRACTOR AND SEMI-TRAILER	14	138	441	593	1.0
MOTORHOME	1	26	123	150	0.2
TRUCK/CAMPER	0	17	45	62	0.1
TRUCK (OTHER)	2	150	603	755	1.2
FARM EQUIPMENT	2	9	32	43	0.1
CONSTRUCTION EQUIPMENT	3	23	87	113	0.2
SNOWMOBILE (SA)	0	12	8	20	-
SNOW VEHICLE (HTA)	0	0	1	1	-
TRAIN/OTHER RAIL VEHICLE	0	0	2	2	-
AMBULANCE	0	3	8	11	-
FIRE	0	4	7	11	-
POLICE/R.C.M.P.	0	6	14	20	-
MOBILITY VEHICLE	0	0	0	0	0.0
OFF-ROAD MOTORCYCLE	2	4	2	8	-
ALL-TERRAIN VEHICLE	2	5	1	8	-
AMPHIBIOUS VEHICLE	0	0	0	0	0.0
DUNE OR SPORT BUGGY	0	0	0	0	0.0
4-WHEEL DRIVER MOTOR VEHICLE	0	0	0	0	0.0
TOTAL 1987	**202**	**15,242**	**49,873**	**65,317**	**100.0**
TOTAL 1986	212	14,523	46,555	61,290	
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS
1987
BY YEAR OF VEHICLE*

YEAR OF VEHICLE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
1988	1	55	184	240	0.4
1987	14	842	2,907	3,763	5.7
1986	22	1,550	5,274	6,846	10.5
1985	18	1,256	4,389	5,663	8.7
1984	20	1,257	4,150	5,427	8.3
1983	6	842	2,789	3,637	5.6
1982	14	905	3,018	3,937	6.0
1981	9	1,011	3,631	4,651	7.1
1980	14	1,109	3,697	4,820	7.4
1979 AND OLDER	73	5,915	18,964	24,952	38.2
NOT STATED	11	500	870	1,381	2.1
TOTAL 1987	**202**	**15,242**	**49,873**	**65,317**	**100.0**
TOTAL 1986	212	14,523	46,555	61,290	100.0
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

* See page 38 for a listing of vehicle types.

III.D.3

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS
1987
BY NATURE OF ACCIDENT AND
VEHICULAR DEFECT

VEHICULAR DEFECT	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
NO APPARENT DEFECT	194	15,027	49,075	64,296	98.4
BRAKES	2	59	169	230	0.4
STEERING	2	28	60	90	0.1
HEADLIGHTS	2	10	15	27	-
TAIL LIGHTS	1	3	15	19	-
OTHER LIGHTING	0	11	15	26	-
ENGINE CONTROLS/ POWER TRAIN	0	17	99	116	0.2
SUSPENSION OR WHEEL FAILURE	1	10	45	56	0.1
TIRES	0	51	131	182	0.3
LOW HITCH	0	3	22	25	-
EXHAUST SYSTEM	0	0	3	3	-
HOOD/TAILGATE	0	4	19	23	-
INSURED LOAD/OVERLOADED	0	12	40	52	0.1
VEHICLE MODIFICATIONS	0	0	8	8	0.1
FIRE	0	7	157	164	0.3
TOTAL 1987	202	15,242	49,873	65,317	100.0
TOTAL 1986	212	14,523	46,555	61,290	100.0
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS
1987
BY NATURE OF ACCIDENT AND TRAFFIC CONTROL

TRAFFIC CONTROL	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
TRAFFIC SIGNAL/CONTROL	18	3,845	7,386	11,249	17.2
STOP	11	1,048	2,921	3,980	6.1
RIGHT TURN ON RED	0	5	12	17	-
LEFT TURN ON RED	0	3	5	8	-
YIELD	1	264	541	806	1.2
OFFICER/FLAGMAN	0	15	21	36	0.1
MERGE	0	27	78	105	0.2
FOUR-WAY STOP	0	40	109	149	0.2
TURN CONTROLS	0	11	20	31	0.1
FLASHING TURN SIGNAL	0	17	33	50	0.1
OVERHEAD SIGNS	0	3	14	17	-
RAILWAY GATES	0	10	20	30	0.1
RAILWAY AUTO CONTROLS	1	10	29	40	0.1
RAILWAY CROSSING	1	57	68	126	0.2
SCHOOL ZONE	0	7	16	23	-
WARNING ZONE	3	25	59	87	0.1
PEDESTRIAN CROSSWALK	0	126	125	251	0.4
PEDESTRIAN CORRIDOR	0	125	132	257	0.4
SCHOOL CROSSING	0	2	5	7	-
FLASHING SCHOOL SIGNALS	0	1	1	2	-
NOT APPLICABLE	152	9,006	35,988	45,146	69.1
OTHER	0	0	0	0	0.0
UNKNOWN	15	595	2,290	2,900	4.4
TOTAL 1987	**202**	**15,242**	**49,873**	**65,317**	**100.0**
TOTAL 1986	212	14,523	46,555	61,290	100.0
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS
1987
BY NATURE OF ACCIDENT AND PRE-COLLISION ACTION

PRE-COLLISION ACTION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
GOING STRAIGHT AHEAD	168	9,282	24,586	34,036	52.1
TURNING LEFT	6	1,383	4,089	5,478	8.3
TURNING RIGHT	2	418	1,900	2,320	3.6
MAKING U-TURN	0	40	180	220	0.3
CHANGING LANES TO LEFT	2	112	630	744	1.1
CHANGING LANES TO RIGHT	3	112	617	732	1.1
MERGING	0	82	235	317	0.5
REVERSING	0	127	2,444	2,571	3.9
OVERTAKING	3	94	277	374	0.6
STOPPED IN TRAFFIC	1	2,056	3,528	5,585	8.6
START FROM PARKED POSITION/LEAVE ROAD	1	64	445	510	0.8
ENTER PARKED POSITION/ STOP ON ROAD	0	38	283	321	0.5
PARKED	1	331	6,841	7,173	11.0
SWERVING	9	175	456	640	1.0
NOT APPLICABLE	4	906	3,244	4,154	6.4
OTHER	0	0	1	1	-
UNKNOWN	2	22	117	141	0.2
TOTAL 1987	202	15,242	49,873	65,317	100.0
TOTAL 1986	212	14,523	46,555	61,290	100.0
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS 1987 BY NATURE OF ACCIDENT AND ENVIRONMENTAL CONDITION

ENVIRONMENTAL CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
ANIMAL ACTION-WILD	0	108	1,680	1,788	2.7
ANIMAL ACTION-DOMESTIC	0	45	197	242	0.4
SURFACE SLIPPERY	12	1,116	3,955	5,083	7.8
SNOW DRIFT	0	22	136	158	0.2
OBSTRUCTION/DEBRIS	1	39	121	161	0.3
VIEW OBSTRUCTED/LIMITED	11	152	495	658	1.0
GLARE	3	52	111	166	0.3
CONSTRUCTION ZONE	1	24	62	87	0.1
DEFECTIVE ROAD SURFACE	3	105	306	414	0.6
SHOULDERS DEFECTIVE	0	16	54	70	0.1
LANE MARKINGS INADEQUATE	0	1	10	11	-
TRAFFIC CONTROL DEVICE NOT WORKING	0	9	16	25	-
WIND	2	17	40	59	0.1
PEDESTRIAN CORRIDOR IN USE	1	11	8	20	-
NOT STATED	168	13,525	42,682	56,375	86.4
TOTAL 1987	**202**	**15,242**	**49,873**	**65,317**	**100.0**
TOTAL 1986	212	14,523	46,555	61,290	
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS
1987
BY NATURE OF ACCIDENT AND
VEHICLE DAMAGE LOCATION

DAMAGE LOCATION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
FRONT	42	4,219	11,082	15,343	23.5
ENGINE HOOD	0	40	95	135	0.2
WINDSHIELD	0	35	52	87	0.1
ROOF	2	57	170	229	0.4
REAR, INCLUDING TRUNK	2	2,146	4,664	6,812	10.4
LEFT FRONT FENDER	5	738	4,942	5,685	8.7
LEFT DOOR(S)	1	299	1,941	2,241	3.4
LEFT REAR FENDER	1	333	2,779	3,113	4.8
ENTIRE LEFT SIDE	4	357	1,464	1,825	2.8
RIGHT FRONT FENDER	0	690	4,049	4,739	7.3
RIGHT DOOR(S)	0	261	1,609	1,870	2.9
RIGHT REAR FENDER	3	323	2,600	2,926	4.5
ENTIRE RIGHT SIDE	5	339	1,289	1,633	2.5
UNDERCARRIAGE	2	75	476	553	0.8
INTERIOR	0	7	22	29	-
EXTENSIVE (SEVERAL AREAS)	107	2,577	4,363	7,047	10.8
NOT APPLICABLE	27	2,694	7,974	10,695	16.4
OTHER	0	2	13	15	-
UNKNOWN	1	50	289	340	0.5
TOTAL 1987	202	15,242	49,873	65,317	100.0
TOTAL 1986	212	14,523	46,555	61,290	
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

VEHICLE INVOLVEMENT IN TRAFFIC ACCIDENTS
1987
BY NATURE OF ACCIDENT AND HAZARDOUS LOAD

HAZARDOUS LOAD	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
EXPLOSIVES	1	34	118	153	0.2
FLAMMABLE GASES	2	7	14	23	-
FLAMMABLE AND CONBUSTIBLE LIQUIDS	1	2	7	10	-
FLAMMABLE SOLID/ DANGEROUS WHEN WET	0	0	2	2	-
OXIDIZERS AND ORGANIC PEROXIDES	0	0	1	1	-
POISONOUS SUBSTANCES/ INFECTIOUS	0	1	2	3	-
RADIOACTIVES	0	0	1	1	-
CORROSIVES	0	0	2	2	-
MISCELLANEOUS DANGEROUS SUBSTANCES	0	2	9	11	-
NOT APPLICABLE	197	15,152	49,548	64,897	99.5
OTHER	0	0	0	0	0.0
UNKNOWN	1	44	169	214	0.3
TOTAL 1987	202	15,242	49,873	65,317	100.0
TOTAL 1986	212	14,523	46,555	61,290	100.0
PERCENT CHANGE 1986-1987	-4.7	+5.0	+7.1	+6.6	

TRAFFIC ACCIDENT DRIVER INVOLVEMENT 1987
BY NATURE OF ACCIDENT AND AGE AND SEX OF DRIVER

AGE/SEX		FATAL	% OF ALL DRIVERS	INJURY	% OF ALL DRIVER	PROPERTY DAMAGE	% OF ALL DRIVERS	TOTAL	% OF ALL DRIVERS
UNDER 16	M	0		11		55		66	
	F	0		8		38		46	
	NS	0		1		4		5	
	T	0	0.0	20	0.1	97	0.2	117	0.2
16-19	M	16		1,455		4,686		6,157	
	F	6		735		1,736		2,477	
	NS	0		0		1		1	
	T	22	11.8	2,190	15.1	6,423	15.0	8,635	15.0
20-24	M	29		1,998		5,778		7,805	
	F	6		897		2,187		3,090	
	NS	0		1		4		5	
	T	35	18.8	2,896	20.0	7,969	18.6	10,900	18.9
25-34	M	52		2,522		7,634		10,208	
	F	4		1,318		3,353		4,675	
	NS	0		1		6		7	
	T	56	30.1	3,841	26.5	10,993	25.6	14,890	25.9
35-44	M	22		1,591		4,829		6,442	
	F	5		807		2,389		3,201	
	NS	0		1		2		3	
	T	27	14.5	2,399	16.5	7,220	16.8	9,646	16.8
45-54	M	12		893		2,938		3,843	
	F	3		431		1,157		1,591	
	NS	0		0		0		0	
	T	15	8.1	1,324	9.1	4,095	9.6	5,434	9.4
55-64	M	11		726		2,212		2,949	
	F	1		287		806		1,094	
	NS	0		1		0		1	
	T	12	6.5	1,014	7.0	3,018	7.0	4,044	7.0
65-74	M	8		422		1,445		1,875	
	F	1		134		496		631	
	NS	0		1		3		4	
	T	9	4.8	557	3.8	1,944	4.5	2,510	4.4
75+	M	6		180		608		794	
	F	2		45		179		226	
	NS	0		0		1		1	
	T	8	4.3	225	1.6	788	1.9	1,021	1.8
AGE NOT STATED	M	0		2		19		21	
	F	0		0		7		7	
	NS	2		37		308		347	
	T	2	1.1	39	0.3	334	0.8	375	0.6
ALL AGES 1987	**M**	**156**		**9,800**		**30,204**		**40,160**	
	F	**28**		**4,662**		**12,348**		**17,038**	
	NS	**2**		**43**		**329**		**374**	
	T	**186**	**100.0**	**14,505**	**100.0**	**42,881**	**100.0**	**57,572**	**100.0**
ALL AGES 1986	T	196	100.0	13,866	100.0	40,596	100.0	54,658	100.0
PERCENT CHANGE 1986-87		-5.1		+4.6		+5.6		+5.3	

TRAFFIC ACCIDENT DRIVER INVOLVEMENT
1987
RELATIVE INVOLVEMENT OF MANITOBA DRIVERS BY AGE AND SEX

AGE GROUP		TOTAL DRIVERS INVOLVED	% IN EACH GROUP	TOTAL ACTIVE DRIVERS	% IN EACH GROUP	RELATIVE INVOLVEMENT RATE/1000
UNDER 16	M	66				
	F	46				
	NS	5				
	T	117	0.2			
16-19	M	6,157		23,744		
	F	2,477		21,763		
	NS	1		0		
	T	8,635	15.0	45,507	7.2	190
20-24	M	7,805		35,615		
	F	3,090		33,942		
	NS	5		0		
	T	10,900	18.9	69,557	11.1	157
25-34	M	10,208		82,084		
	F	4,675		77,458		
	NS	7		0		
	T	14,890	25.9	159,542	25.4	93
35-44	M	6,442		67,499		
	F	3,201		61,793		
	NS	3		0		
	T	9,646	16.8	129,292	20.6	75
45-54	M	3,843		45,791		
	F	1,591		38,004		
	NS	0		0		
	T	5,434	9.4	83,795	13.3	65
55-64	M	2,949		41,042		
	F	1,094		31,041		
	NS	1		0		
	T	4,044	7.0	72,083	11.4	56
65-74	M	1,875		30,188		
	F	631		20,307		
	NS	4		0		
	T	2,510	4.4	50,495	8.0	50
75+	M	794		13,229		
	F	226		5,798		
	NS	1		0		
	T	1,021	1.8	19,027	3.0	54
AGE NOT STATED	M	21		0		
	F	7		0		
	NS	347		0		
	T	375	0.6	0		
ALL AGES 1987	**M**	**40,160**		**339,192**	**100.0**	
	F	**17,038**		**290,106**		
	NS	**374**		**0**		
	T	**57,572**		**629,298**		**91**
ALL AGES 1986		54,658	100.0	623,406	100.0	
PERCENT CHANGE 1986-1987		+5.3		+1.0		

TRAFFIC ACCIDENT DRIVER INVOLVEMENT
1987
BY NATURE OF ACCIDENT
AND DRIVER EXPERIENCE

EXPERIENCE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
LESS THAN 3 MONTHS	0	161	510	671	1.2
3 TO 6 MONTHS	0	318	837	1,155	2.0
7 TO 11 MONTHS	0	218	613	831	1.4
1 TO 2 YEARS	11	1,467	4,249	5,727	10.0
3 TO 5 YEARS	19	1,977	5,634	7,630	13.3
6 TO 10 YEARS	18	2,764	7,729	10,511	18.2
11+ YEARS	62	6,371	19,585	26,018	45.2
NOT STATED	76	1,229	3,724	5,029	8.7
TOTAL 1987	186	14,505	42,881	57,572	100.0
TOTAL 1986	196	13,866	40,596	54,658	100.0
PERCENT CHANGE 1986-1987	-5.1	+4.6	+5.6	+5.3	

TRAFFIC ACCIDENT DRIVER INVOLVEMENT
1987
BY NATURE OF ACCIDENT AND DRIVER ACTION
(HUMAN ACTION)

IMPROPER DRIVING ACTION	FATAL ACCIDENTS TOTAL	FATAL ACCIDENTS % EACH GROUP	INJURY ACCIDENTS TOTAL	INJURY ACCIDENTS % EACH GROUP	PROP DAMAGE ACCIDENTS TOTAL	PROP DAMAGE ACCIDENTS % EACH GROUP	TOTAL	% EACH GROUP
FOLLOWING TOO CLOSELY	0	0.0	627	4.3	1,189	2.8	1,816	3.2
TURNING IMPROPERLY	0	0.0	212	1.5	947	2.2	1,159	2.0
FAILED TO SIGNAL	0	0.0	13	0.1	44	0.1	57	0.1
DRIVING TOO FAST FOR CONDITIONS	14	7.5	605	4.2	1,629	3.8	2,248	4.0
EXCEEDING SPEED LIMIT	9	4.9	75	0.5	96	0.2	180	0.3
PASSING IMPROPERLY	1	0.5	55	0.4	175	0.4	231	0.4
CHANGING LANES IMPROPERLY	1	0.5	69	0.5	516	1.2	586	1.0
FAILED TO YIELD RIGHT OF WAY	9	4.9	514	3.5	1,238	2.9	1,761	3.1
DISOBEYED TRAFFIC CONTROL DEVICES	6	3.2	379	2.6	551	1.3	936	1.6
DRIVING WRONG WAY ON ROADWAY	10	5.4	22	0.2	42	0.1	74	0.1
PASSING A VEHICLE AT PEDESTRIAN X-WALK	0	0.0	13	0.1	8	-	21	-
BACKING UNSAFELY	0	0.0	64	0.4	1,336	3.1	1,400	2.4
PARKING IMPROPERLY	0	0.0	8	0.1	117	0.3	125	0.2
CARELESS DRIVING	2	1.1	229	1.6	538	1.3	769	1.3
LOST CONTROL/DRIVE OFF ROAD	21	11.3	565	3.9	1,253	2.9	1,839	3.2
DRIVERLESS VEHICLE RAN OUT OF CONTROL	0	0.0	4	-	47	0.1	51	0.1
LEAVE STOP SIGN BEFORE SAFE TO DO SO	1	0.5	170	1.1	482	1.1	653	1.1
DRIVER INEXPERIENCE	2	1.1	149	1.0	403	0.9	554	1.0
NOT STATED	110	59.1	10,732	74.0	32,270	75.3	43,112	74.9
TOTAL 1987	**186**	**100.0**	**14,505**	**100.0**	**42,881**	**100.0**	**57,572**	**100.0**
TOTAL 1986	196	100.0	13,866	100.0	40,596	100.0	54,658	100.0
PERCENT CHANGE 1986-1987	-5.1		+4.6		+5.6		+5.3	

TRAFFIC ACCIDENT DRIVER INVOLVEMENT 1987 BY NATURE OF ACCIDENT AND DRIVER CONDITION

DRIVER CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL DRIVERS	% IN EACH CATEGORY
LOSS OF CONSCIOUSNESS	2	32	24	58	0.1
EXTREME FATIGUE/ FELL ASLEEP	1	104	131	236	0.4
DEFECTIVE EYESIGHT	0	3	18	21	-
DEFECTIVE HEARING	0	1	6	7	-
MEDICAL DISABILITY	1	4	5	10	-
PHYSICAL DISABILITY	0	4	9	13	-
MENTAL DISABILITY	0	1	5	6	-
MENTAL CONFUSION/ UNABLE TO REMEMBER	1	17	23	41	
SUDDEN ILLNESS	0	6	10	16	0.1
ABILITY IMPAIRED BY ALCOHOL	18	254	373	645	1.1
ABILITY IMPAIRED BY DRUGS	0	3	12	15	-
HAD BEEN DRINKING	14	259	297	570	1.0
NOT STATED	149	13,817	41,968	55,934	97.3
TOTAL 1987	**186**	**14,505**	**42,881**	**57,572**	**100.0**
TOTAL 1986	196	13,866	40,596	54,658	100.0
PERCENT CHANGE 1986-1987	-5.1	+4.6	+5.6	+5.3	

IV.A.1

CONVICTION STATISTICS
1987
BY TYPE OF CONVICTION AND MONTH OF OCCURRENCE
H.T.A. AND C.C.C.

MONTH	H.T.A.*	% IN EACH PERIOD	C.C.C.**	% IN EACH PERIOD	TOTAL	% IN EACH TOTAL
JANUARY	11,197	7.5	441	8.6	11,638	7.5
FEBRUARY	10,829	7.2	387	7.6	11,216	7.2
MARCH	12,232	8.2	396	7.7	12,628	8.2
APRIL	15,087	10.1	495	9.7	15,582	10.0
MAY	15,676	10.5	561	11.0	16,237	10.4
JUNE	13,773	9.2	451	8.8	14,224	9.2
JULY	13,433	8.9	467	9.1	13,900	9.0
AUGUST	12,051	8.0	469	9.2	12,520	8.1
SEPTEMBER	13,033	8.7	400	7.8	13,433	8.7
OCTOBER	13,135	8.8	431	8.4	13,566	8.8
NOVEMBER	12,462	8.3	328	6.4	12,790	8.3
DECEMBER	6,898	4.6	291	5.7	7,189	4.6
TOTAL 1987	**149,806**	**100.0**	**5,117**	**100.0**	**154,923**	**100.0**
TOTAL 1986	132,673	100.0	5,014	100.0	137,687	100.0
PERCENT CHANGE 1986-1987	+12.9		+2.1		+12.5	

*HIGHWAY TRAFFIC ACT

**CRIMINAL CODE OF CANADA

CONVICTION STATISTICS
1987
BY TYPE OF CONVICTION AND POLICE FORCE

POLICE FORCE	H.T.A.	% IN EACH FORCE	C.C.C.	% IN EACH FORCE	TOTAL	% IN EACH FORCE
WINNIPEG	92,318	61.6	1,567	30.6	93,885	60.6
RCMP	46,155	30.8	2,947	57.6	49,102	31.7
BRANDON	2,326	1.6	166	3.2	2,492	1.6
OTHER	9,007	6.0	437	8.6	9,444	6.1
ALL FORCES 1987	149,806	100.0	5,117	100.0	154,923	100.0
ALL FORCES 1986	132,673	100.0	5,014	100.0	137,687	100.0
PERCENT CHANGE 1986-1987	+12.9		+2.1		+12.5	

CONVICTION STATISTICS
1987
H.T.A AND C.C.C.

LEGISLATION	SECTION	DESCRIPTION OF VIOLATION	TOTAL	% OF H.T.A./ C.C.C. TOTAL
H.T.A.	85	Failing to Comply with Traffic	15,419	10.3
	88	Failing to Comply with Traffic Control Signal	1,250	0.8
	95-1	Speeding	77,255	51.6
	95-3	Imprudent Driving	3,466	2.3
	136	Fail to Stop when Required by Traffic Control Device or at Divided Highway	1,800	1.2
	173-1	Fail to Hold Required Driver Licence or to Comply with Restrictions therein	3,785	2.5
	225-1	Driving while Disqualified	1,809	1.2
	Other		45,022	30.1
	All		149,806	100.0
C.C.C.	237a	Impaired Driving	414	8.1
	237b	Blood Alcohol Content .08 or Higher	3,583	70.0
	238-5	Refuse to Submit to Breathalizer	480	9.4
	239-2	Impaired Driving Causing Bodily Harm	12	0.2
	239-3	Impaired Driving Causing Death	0	0.0
	242-4	Driving While Disqualified	456	8.9
	Other		172	3.4
	All		5,117	100.0
TOTAL 1987 H.T.A./C.C.C.			154,923	
TOTAL 1986 H.T.A./C.C.C.			137,687	
PERCENT CHANGE 1986/1987			+12.5	

SUSPENSION STATISTICS
1987
TOTAL SUSPENSIONS IMPOSED*

REASON SUSPENSION (TYPE)	1986	% OF TOTAL SUSPENSIONS
FOR CRIMINAL CODE OF CANADA CONVICTIONS RELATED TO MOTOR VEHICLE OPERATION	7,240	32.3
FAIL TO PAY FINE	108	0.5
PROBATIONARY LICENCE CANCELLED	4,641	20.7
MULTIPLE OFFENCES	4,813	21.5
FAILURE TO PAY FULL LICENCE OR REGISTRATION FEE	910	4.1
PHYSICAL OR MENTAL DISABILITY	1,116	5.0
FAIL TO COMPLY WITH DRIVER EXAMS	992	4.4
OTHER	2,591	11.5
TOTAL 1987	22,411	100.0
TOTAL 1986	23,384	100.0
PERCENT CHANGE 1986-1987	-4.2	

*AT ANY GIVEN TIME, THERE ARE APPROXIMATELY 25,000 DRIVERS ON SUSPENSION.

DRIVER IMPROVEMENT AND CONTROL
DRIVER CONTROL PROGRAM
1987

	1987	% IN EACH CATEGORY
NUMBER OF SHOW CAUSE HEARINGS ACTIONED		
IN PERSON	4,828	79.1
WRITTEN SUBMISSIONS	154	2.5
FAIL TO APPEAR	1,122	18.4
TOTAL	**6,104**	100.0
DISPOSITIONS OF SHOW CAUSE HEARINGS - SUSPENSIONS		
1 - 3 MONTHS DURATION	1,750	28.7
4 - 6 MONTHS DURATION	1,928	31.6
7 - 12 MONTHS DURATION	499	8.2
MORE THAN 1 YEAR DURATION	399	6.5
INDIVIDUAL PLACED ON PROBATION	1,437	23.5
NO ACTION TAKEN	91	1.5
TOTAL	**6,104**	100.0
ADDITIONAL DRIVER IMPROVEMENT REQUIREMENTS/SHOW CAUSE HEARINGS		
INDIVIDUALS REQUIRED TO UNDERGO FULL RE-TESTING	**692**	
INDIVIDUALS REQUIRED TO COMPLETE THE DEFENSIVE DRIVING COURSE	**950**	

DRIVER IMPROVEMENT AND CONTROL
DRIVER IMPROVEMENT PROGRAM
1987

	1987	% IN EACH CATEGORY
INDIVIDUALS INTERVIEWED & PLACED ON PROBATION - REQUIRED TO UNDERGO FULL RE-TESTING	1,151	18.2
INDIVIDUALS INTERVIEWED & PLACED ON PROBATION - REQUIRED TO COMPLETE THE DEFENSIVE DRIVING COURSE	1,072	16.9
INDIVIDUALS INTERVIEWED & PLACED ON PROBATION ONLY	4,112	64.9
TOTAL NUMBER OF DRIVER IMPROVEMENT ACTIONS	6,335	100.0
NUMBER OF 4 POINT WARNING LETTERS ISSUED	6,660	

DRIVER IMPROVEMENT AND CONTROL
REINSTATEMENT OF SUSPENDED DRIVERS
1987

	1987	% IN EACH CATEGORY
INDIVIDUALS REQUIRED TO UNDERGO FULL RE-TESTING	1,070	16.3
INDIVIDUALS REQUIRED TO COMPLETE THE DEFENSIVE DRIVING COURSE	187	2.8
INDIVIDUALS PLACED ON PROBATION ONLY	5,322	80.9
TOTAL NUMBER OF REINSTATEMENT INTERVIEWS CONDUCTED	6,579	100.0

ALCOHOL AND DRUG ABUSE PROGRAM
1987

	1987	1986	% CHANGE
NUMBER OF ALCOHOL/DRUG ABUSE REPORTS PROCESSED	4,675	3,667	+27.5
INDIVIDUALS PLACED ON SUSPENSION/CANCELLATION DUE TO ALCOHOLISM/DRUG ADDICTION AND FAILURE TO COMPLY - ALCOHOL REPORT	677	707	-4.2
NUMBER OF DRIVERS INTERVIEWED REGARDING USE OF ALCOHOL/DRUGS	371	428	-13.3

DRIVER TESTING ACTIVITIES
1987

TESTING AREA	ROAD TESTS ORIG.	ROAD TESTS RECERT.	WRITTEN TESTS ORIG.	WRITTEN TESTS RECERT.	ORAL TESTS ORIG.	ORAL TESTS RECERT.	TOTAL TESTS
BRANDON	1,917	299	4,880	470	58	28	7,652
DAUPHIN	771	80	1,889	123	21	15	2,899
WINNIPEG 2	3,175	5	3,872	0	0	0	7,052
WINNIPEG 1	22,994	1,985	42,624	2,952	2,243	126	72,924
FLIN FLON	323	52	865	105	11	2	1,358
PORTAGE	1,025	44	2,245	103	34	0	3,451
THOMPSON	974	98	2,309	165	39	2	3,587
MOBILE 1	2,163	74	3,939	164	230	22	6,592
MOBILE 2	1,601	124	3,339	255	36	14	5,369
MOBILE 3	1,308	130	2,989	287	22	28	4,764
MOBILE 4	1,732	70	3,054	95	444	31	5,426
MOBILE 5	1,168	85	2,049	185	9	13	3,509
MOBILE 6	1,088	39	1,958	92	24	4	3,205
MOBILE 7	974	97	1,803	236	44	18	3,172
MOBILE 8	1,210	85	1,981	174	19	26	3,495
MOBILE 9	453	58	1,323	120	24	7	1,985
MOBILE 10	450	28	1,326	34	22	1	1,861
MOBILE 11	317	23	762	56	2	8	1,168
TOTAL 1987	**43,643**	**3,376**	**83,207**	**5,616**	**3,282**	**345**	**139,469**
TOTAL 1986	44,424	4,181	88,911	6,481	3,238	419	147,654
PERCENT CHANGE 1986-1987	-1.8	-19.3	-6.4	-13.4	+1.4	-17.7	-5.5

VEHICLE INSPECTION PROGRAM

1987

INITIAL INSPECTIONS

SUB-PROGRAM	PASS		FAIL		HAZARDOUS CONDITION				DEFECT AVERAGE PER REJECTED VEHICLE
	TOTAL	% OF TOTAL	TOTAL	% OF TOTAL	TOTAL	%OF TOTAL	% OF TOTAL	TOTAL	
SCHOOL BUSES (SCHOOL DIVISIONS)	618	37.6	973	59.3	51	3.1	100.0	1,642	1.96
SCHOOL BUSES (FEDERAL RESERVES)	7	13.5	40	76.9	5	9.6	100.0	52	10.30
PUBLIC SERVICE BUSES	60	53.6	52	46.4	0	0.0	100.0	112	-
AMBULANCES	49	45.4	58	53.7	1	0.9	100.0	108	1.15
PROGRAM TOTAL 1987	**734**	**38.4**	**1,123**	**58.7**	**57**	**2.9**	**100.0**	**1,914**	

MEDICAL RECORDS SECTION
ACTIVITY REPORT
1987

	1987	1986	% CHANGE
MEDICAL REPORTS (PROCESSED)	35,648	37,309	-4.5
INTERVIEWS, DRIVER EXAMINATIONS, DRIVER ASSESSMENTS (PROCESSED)	1,722	1,728	-0.4
CONDITIONAL LICENCES (ISSUED) AND RESTRICTIONS ADDED TO LICENCES (ISSUED)	300	414	-27.5
CANCELLATIONS, SUSPENSIONS FOR FAILURE TO MEET STANDARDS (ISSUED)	695	637	+9.1
CANCELLATIONS FOR FAILURE TO COMPLY (ISSUED)	407	435	-6.4
DECLASS FOR FAILURE TO MEET STANDARDS (ISSUED)	134	179	-25.1
DECLASS FOR FAILURE TO COMPLY (ISSUED)	981	1,084	-9.5

VEHICLE DEALERS SECTION
1987
PLATE DISPOSITIONS

PLATE TYPE	INITIAL ISSUANCE	RENEWALS	TOTALS
DEALER AND REPAIRER	1,053	3,458	4,511
SNOWMOBILE DEALER	35	0	35
ALL TYPES 1987	**1,088**	**3,458**	**4,546**
ALL TYPES 1986	1,042	3,257	4,299
PERCENT CHANGE 1986 - 1987	+4.4	+6.2	+5.8

VEHICLE DEALERS SECTION
1987
PERMIT DISPOSITION

PERMIT TYPE	TOTAL DISPOSITIONS
DEALER	692
SALESMAN	939
WRECKER	46
ALL TYPES 1987	1,677
ALL TYPES 1986	1,555
PERCENT CHANGE 1986 - 1987	+7.9